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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,755,610
2,757,816
2,763,547
2,800,630
2,814,706

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,755,610
2,757,816
2,763,547
2,800,630
2,814,706

2,814,722

2,814,722

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$257**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**257 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
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8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

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2. Correspondance électronique
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5. Jours fériés
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7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^{MC}, par Xpresspost^{MC} ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

NOTICE REGARDING UNEXPECTED CLOSURES OF THE OFFICE

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open for business.

On May 8, 2017 and May 9, 2017, CIPO was closed for business due to extraordinary circumstances.

For information regarding a previous business closure, please contact the Client Service Centre or consult CIPO's website.

AVIS CONCERNANT UNE FERMETURE INATTENDUE DU BUREAU

Lorsque l'OPIC est fermé, notamment en raison de circonstances exceptionnelles, l'OPIC considère que toutes les échéances sont prorogées jusqu'au jour de réouverture du bureau.

Les 8 et 9 mai 2017, l'OPIC était fermé au public en raison de circonstances exceptionnelles.

Pour obtenir des renseignements concernant une fermeture antérieure de nos bureaux, veuillez communiquer avec le centre de service à la clientèle ou consulter le site Web de l'OPIC.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of September 4, 2018 contains applications open to public inspection from August 19, 2018 to August 25, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 4 septembre 2018 contient les demandes disponibles au public pour consultation pour la période du 19 août 2018 au 25 août 2018.

Canadian Patents Issued

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[54] **METHODE ET COMPOSITION DESTINEES AU TRAITEMENT ET A LA PREVENTION D'UNE VASTE GAMME D'AFFECTIONS VIRALES**
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[54] **INTERSOMATIC CAGE, INTERVERTEBRAL PROSTHESIS, ANCHORING DEVICE AND IMPLANTATION INSTRUMENTS**
[54] **CAGE INTERSOMATIQUE, PROTHESE INTERVERTEBRALE, DISPOSITIF D'ANCRAGE ET INSTRUMENTS D'IMPLANTATION**
[72] ALLAIN, JEROME, FR
[72] LOMBARD, JEAN, FR
[72] PHELPS, JEFF, US
[72] NUNLEY, PIERCE D., US
[72] GORDON, CHARLES, US
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[54] **DISPOSITIF DE TRAITEMENT DE L'AIR ET BATI CONNEXE**
[72] SHORE, ANGELA NIXON, US
[72] HAYNES, ANNIE PIERCE, US
[72] STAFFORD, CAROLYN MORGAN, US
[72] FORDING, JAY KINSLEY, US
[72] MANLEY, PAUL RICHARD, US
[72] LORENZ, MICHAEL ANTHONY, US
[72] MORA, LUDWIN MIGUEL, US
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[54] **SUPPORT POUR CATALYSEUR D'OXYDE D'OLEFINE**
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[54] **DISPOSITIF DE SURVEILLANCE DE L'ACTIVITE NERVEUSE**
[72] KARTUSH, JACK M., US
[73] THE MAGSTIM COMPANY LIMITED, GB
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[54] **METHOD AND SYSTEM FOR SIMULTANEOUS IRRADIATION AND ELUTION CAPSULE**
[54] **SYSTEME ET PROCEDE D'IRRADIATION SIMULTANEE ET CAPSULE D'ELUTION**
[72] BLOOMQUIST, BRADLEY, US
[72] BOWIE, JENNIFER, US
[72] SMITH, DAVID GREY, US
[72] RUSSELL, WILLIAM EARL, II, US
[73] GE-HITACHI NUCLEAR ENERGY AMERICAS LLC, US
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[54] **ARTICLES COMPORTANT UNE INTERFACE ENTRE UNE SURFACE POLYMERE ET UNE SURFACE EN VERRE MODIFIEE**
[72] RAO, ASHWIN, US
[72] TRIVEDI, SATYEN, US
[72] CASTAING, JEAN-CHRISTOPHE, US
[72] RUIZ, JOSE, US
[72] AYMES, CHARLIE, US
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[54] **OUTIL D'IMAGERIE DE FOND DE TROU UTILISANT UN GENERATEUR DE RAYONS X**
[72] WRAIGHT, PETER, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **INTERFACE POUR UN SYSTEME DE MESURE ET DE SURVEILLANCE DE SANTE**
[72] BRAUER, JACOB S., US
[72] BROWN, DARREN, US
[72] CHEN, JUN, US
[72] KATES, RICHARD, US
[72] LEVIN, JENNIFER M., US
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[54] **PEPTIDES DERIVES DE LA CASEINE AYANT UNE ACTIVITE ANXIOLYTIQUE**
[72] BALANDRAS, FREDERIQUE, FR
[72] MICLO, LAURENT, FR
[72] GAILLARD, JEAN-LUC, FR
[72] LE ROUX, YVES, FR
[72] LAURENT, FRANCOIS, FR
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[54] **METHOD FOR INCREASING IMMUNOREACTIVITY**
[54] **PROCEDE D'AUGMENTATION DE LA REACTIVITE IMMUNITAIRE**
[72] BAIER, GOTTFRIED, AT
[72] LOIBNER, HANS, AT
[72] SCHUSTER, MANFRED, AT
[72] LAMETSCHWANDTNER, GUNTHER, AT
[72] WOLF, DOMINIK, AT
[73] MEDIZINISCHE UNIVERSITAET INNSBRUCK, AT
[73] APEIRON BIOLOGICS AG, AT
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[54] **BANQUES DE POLYPEPTIDES PRESENTANT UNE STRUCTURE PREDETERMINEE**
[72] ABRAHMSEN, LARS, SE
[72] HERNE, NINA, SE
[72] LENDEL, CHRISTOFER, SE
[72] FELDWISCH, JOACHIM, SE
[73] AFFIBODY AB, SE
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[54] **NUCLEIC ACIDS OF FORMULA (I) (NUGLXMGNNV)A AND DERIVATIVES THEREOF AS AN IMMUNOSTIMULATING AGENT/ADJUVANT**
[54] **ACIDES NUCLEIQUES DE FORMULE (I) (NUGLXMGNNV)A ET SES DERIVES COMME UN AGENT/ADJUVANT IMMUNOSTIMULANT**
[72] KRAMPS, THOMAS, DE
[72] VOSS, SOEHNKE, DE
[72] PROBST, JOCHEN, DE
[72] HOERR, INGMAR, DE
[73] CUREVAC AG, DE
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[54] **ELECTRONIC CONTROL MODULE FOR A JFET TRANSISTOR**
[54] **MODULE ELECTRONIQUE DE COMMANDE POUR TRANSISTOR JFET**
[72] RAMBAUD, JULIEN, FR
[72] VIEILLARD, SEBASTIEN, FR
[73] LABINAL POWER SYSTEMS, FR
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[54] **NETWORK AUTODISCOVERY AS A LEVER TO DECORRELATED SERVICE ACTIVATION THROUGH EVENT DRIVEN ARCHITECTURE**
[54] **OUTIL DE DECOUVERTE AUTOMATIQUE DE RESEAUX SERVANT DE LEVIER D'ACTIVATION DE SERVICES DECORRELES AU MOYEN D'UNE ARCHITECTURE QUIDEE PAR EVENEMENTS**
[72] ALEGRET, SEBASTIEN, FR
[72] BRIE, OLIVIER, FR
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2714635)
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[54] **WHEAT PLANTS WITH IMMUNITY TO WSMV**
[54] **PLANTS DE BLE AVEC IMMUNITE AU VIRUS DE LA MOSAIQUE A STRIES DU BLE**
[72] FAHIM, MUHAMMAD, AU
[72] LARKIN, PHILIP JOHN, AU
[72] AYALA-NAVARRETE, LIGIA ISABEL, AU
[72] MILLAR, ANTHONY ALAN, AU
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[73] THE AUSTRALIAN NATIONAL UNIVERSITY, AU
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[54] **METHODE ET APPAREIL DE COMMANDE DE LA VITESSE D'UN MOTEUR**
[72] BESTE, MARK G., US
[72] HUNDT, ROGER C., US
[72] WALTER, STEPHEN A., US
[72] HUDSON, BRIAN, US
[72] OMLOR, DAVID, US
[72] WYNNICK, DAVID M., US
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[54] **RAPID LOCALIZED LANGUAGE DEVELOPMENT FOR VIDEO MATRIX SWITCHING SYSTEM**
[54] **DEVELOPPEMENT DE LANGAGE LOCALISE RAPIDE POUR UN SYSTEME DE COMMUTATION DE MATRICE VIDEO**
[72] SCHIELTZ, STEVEN W., US
[72] MCBRIDE, MONTE CHARLES, US
[72] BENKIRANE, NICK A., US
[72] CLAGGETT, KENNETH LEE, US
[73] SENSORMATIC ELECTRONICS, LLC, US
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[54] **TERMINAISON D'EVENT D'APPAREIL DE CHAUFFAGE**
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[73] LENNOX INDUSTRIES INC., US
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[54] **BRULEUR POUR APPAREILS DE CUISSON**
[72] SHAFFER, TIMOTHY SCOTT, US
[72] JOHNSON, MARK DAVIS, US
[72] WATKINS, DEREK LEE, US
[73] HAIER US APPLIANCE SOLUTIONS, INC., US
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[54] **USE OF ONE LED TO REPRESENT VARIOUS UTILITY RATES AND SYSTEM STATUS BY VARYING FREQUENCY AND/OR DUTY CYCLE OF LED**
[54] **UTILISATION D'UNE DIODE ELECTROLUMINESCENTE (DEL) POUR LA REPRESENTATION DE DIVERS TARIFS DE SERVICES PUBLICS ET POUR CELLE DE L'ETAT DU SYSTEME PAR VARIATION DE LA FREQUENCE ET/OU DU CYCLE DE SERVICE DE LA DEL**
[72] KOBRAEI, HENRY, US
[72] BESORE, JOHN K., US
[72] FINCH, MICHAEL F., US
[72] DRAKE, JEFF DONALD, US
[73] HAIER US APPLIANCE SOLUTIONS, INC., US
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[54] **RESEAU DE SOURCES SISMIQUES ORIENTABLE DANS TOUTES LES DIRECTIONS ET VERS LE BAS**
[72] HOVLAND, VIDAR, NO
[72] STEINSLAND, TORE, NO
[72] ELVESTAD, KARL PETTER, NO
[73] PGS GEOPHYSICAL AS, NO
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[54] **RUBAN DE TIRAGE**
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[72] BELMONTE, JOHN, CA
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[54] **DEAERATING HOLLOW FIBER MODULE FORMED FROM SHEET AND TEMPORARY CORE**
[54] **MODULE A FIBRES CREUSES DE DESAERATION FORME A PARTIR D'UNE FEUILLE ET D'UN NOYAU TEMPORAIRE**
[72] SUGANUMA, YOUHEI, JP
[72] TAKEUCHI, MISAO, JP
[72] FUJIEDA, SHIGEAKI, JP
[72] SUGANUMA, TOSHIKAZU, JP
[72] KAWASE, KOUJI, JP
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[54] **ELECTRONIC DEVICE WITH PROXIMITY-BASED RADIO POWER CONTROL**
[54] **DISPOSITIF ELECTRONIQUE A REGLAGE DE PUISSANCE RADIO SUR LA BASE DE LA PROXIMITE**
[72] CABALLERO, RUBEN, US
[72] SCHLUB, ROBERT W., US
[73] APPLE INC., US
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[54] **SUPPORT DE BASE POUR GENERATEURS D'ENERGIE EOLIENS**
[72] ZAVITZ, BRYANT A., US
[72] KIRKLEY, KEVIN L., US
[73] TINDALL CORPORATION, US
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[54] **TRICYCLIC COMPOUNDS HAVING ANTIMITOTIC AND/OR ANTITUMOR ACTIVITY AND METHODS OF USE THEREOF**
[54] **COMPOSES TRICYCLIQUES AYANT UNE ACTIVITE ANTIMITOTIQUE ET/OU ANTITUMORALE ET LEURS PROCEDES D'UTILISATION**
[72] GANGJEE, ALEEM, US
[73] DUQUESNE UNIVERSITY OF THE HOLY SPIRIT, US
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[54] **MODELE LINGUISTIQUE INTEGRE, AINSI QUE LES SYSTEMES ET PROCEDES CONNEXES**
[72] SHU, CHANG-QING, US
[72] SHU, HAN, US
[72] MERWIN, JOHN M., US
[73] ADACEL SYSTEMS, INC., US
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[54] **PROCEDE ET APPAREIL DE CODAGE DE BIT MULTIPLE**
[72] TSUI, GALLEN KA LEUNG, CA
[72] TSUI, PHILIP Y. W., CA
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[54] **SURGICAL INSTRUMENT AND LOADING UNIT FOR USE THEREWITH**
[54] **INSTRUMENT CHIRURGICAL ET UNITE DE CHARGEMENT A UTILISER AVEC LEDIT INSTRUMENT**
[72] FARASCIONI, DAVID, US
[72] BEARDSLEY, JOHN W., US
[73] TYCO HEALTHCARE GROUP LP, US
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[72] ZIAEI, REZA, CA
[72] SLAVIK, JAN FRANTISEK, CA
[72] RIFE, GORDON, CA
[72] SANDERSON, MARCIA HELEN, CA
[72] STRANART, JEAN-CLAUDE, CA
[72] GAGNON, ANDRE ROGER, CA
[72] METZGER, DONALD RAY, CA
[73] ATOMIC ENERGY OF CANADA, LTD., CA
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[54] **HANDHELD ELECTRONIC COMMUNICATION DEVICE INCLUDING TOUCH-SENSITIVE DISPLAY**
[54] **DISPOSITIF DE COMMUNICATION ELECTRONIQUE A MAIN EQUIPE D'UN AFFICHAGE TACTILE**
[72] GRIFFIN, JASON TYLER, CA
[72] WOOD, TODD ANDREW, CA
[73] BLACKBERRY LIMITED, CA
[86] (2736462)
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[54] **METHOD OF DETECTING FAULTS ON A RAILWAY VEHICLE SUPPLY LINE**
[54] **PROCEDE DE DETECTION DE DEFAUTS SUR UNE LIGNE D'ALIMENTATION DE VEHICULES FERROVIAIRES**
[72] BELLEGARDE, NICOLAS, FR
[73] ALSTOM TRANSPORT TECHNOLOGIES, FR
[86] (2736993)
[87] (2736993)
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[25] EN
[54] **GAS TURBINE ENGINE EXHAUST MIXER**
[54] **MELANGEUR D'ECHAPPEMENT DE MOTEUR A TURBINE A GAZ**
[72] HUZZARD CUNNINGHAM, MARK, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2738100)
[87] (2738100)
[22] 2011-04-21
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[25] EN
[54] **REINFORCED POLYGONAL CONTAINERS AND BLANKS OF SHEET MATERIAL FOR MAKING THE SAME**
[54] **CONTENEURS POLYGONAUX RENFORCES ET FLANS DE MATERIAU EN FEUILLES SERVANT A LES FABRIQUER**
[72] SMITH, KENNETH CHARLES, US
[73] ROCK-TENN SHARED SERVICES, LLC, US
[86] (2740182)
[87] (2740182)
[22] 2011-05-13
[30] US (12/780,509) 2010-05-14

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[25] EN
[54] **OVER-RUNNING DECOUPLER WITH TORQUE LIMITER**
[54] **PROCEDE D'INHIBITION DE RESONANCE DANS UN DECOUPLEUR A ROUE LIBRE**
[72] ANTCHAK, JOHN R., CA
[72] XU, JUN, CA
[73] LITENS AUTOMOTIVE PARTNERSHIP, CA
[85] 2011-04-12
[86] 2009-10-27 (PCT/CA2009/001803)
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[25] EN
[54] **HYDROGEN-GENERATING FUEL CELL CARTRIDGES**
[54] **CARTOUCHES DE PILE A COMBUSTIBLE PRODUCTRICES D'HYDROGENE**
[72] ROSENZWEIG, ALAIN, FR
[72] CURELLO, ANDREW J., US
[72] SPAHR, PAUL, US
[72] CURELLO, MICHAEL R., US
[73] INTELLIGENT ENERGY LIMITED, GB
[85] 2011-04-13
[86] 2009-11-03 (PCT/US2009/063108)
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[54] **EMERGENCY ROPE BAIL-OUT BAG**
[54] **SAC POUR CORDE D'EVACUATION D'URGENCE**
[72] SCHUBERT, MICHAEL, US
[72] SLOAN, DOUGLAS, US
[72] WEST, ROBERT, US
[72] SCHIERENBECK, ALAN W., US
[73] HONEYWELL INTERNATIONAL INC., US
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[87] (2740640)
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[25] EN
[54] **METHOD OF REDUCING CORROSION IN A CRUDE UNIT**
[54] **PROCEDE DE REDUCTION DE LA CORROSION DANS UNE UNITE DE PRODUCTION DE PETROLE BRUT**
[72] SCATTERGOOD, GLENN L., US
[72] FERGUSON, SAM, US
[73] NALCO COMPANY, US
[85] 2011-04-19
[86] 2009-11-03 (PCT/US2009/063028)
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[25] EN
[54] **AXLE LUBRICATION AND COOLING SYSTEM**
[54] **SYSTEME DE LUBRIFICATION ET DE REFROIDISSEMENT POUR ESSIEU**
[72] RAMLER, MATTHEW J., US
[73] DEERE & COMPANY, US
[86] (2743520)
[87] (2743520)
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[25] EN
[54] **FAS/FASL OR OTHER DEATH RECEPTOR TARGETED METHODS AND COMPOSITIONS FOR KILLING TUMOR CELLS**
[54] **PROCEDES CIBLES SUR DES RECEPTEURS FAS/FASL OU AUTRES RECEPTEURS DE MORT ET COMPOSITIONS DESTINES A ELIMINER DES CELLULES TUMORALES**
[72] KRUSE, CAROL, US
[72] TRITZ, RICHARD, US
[73] PROMISING FUTURE, LLC, US
[85] 2011-05-16
[86] 2009-10-14 (PCT/US2009/060693)
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[54] **OPTIMIZATION SYSTEM USING AN ITERATIVE EXPERT ENGINE**
[54] **SYSTEME D'OPTIMISATION UTILISANT UN MOTEUR D'EXPERTISE ITERATIF**
[72] FRANCINO, PETER N., US
[72] HUFF, FREDERICK C., US
[72] FOSTER, DAVID G., US
[73] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
[86] (2744118)
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[25] EN
[54] **DEVICE AND SYSTEM FOR MEASURING MATERIAL THICKNESS**
[54] **DISPOSITIF ET SYSTEME SERVANT A MESURER L'EPAISSEUR DE MATERIAUX**
[72] KROHN, MATTHEW, US
[72] MEYER, PAUL ALOYSIUS, US
[72] BARSHINGER, JAMES NORMAN, US
[72] FAN, YING, US
[72] MATTHEWS, FRED, US
[72] SMITH, NATHAN, US
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **THICK PINE NEEDLE EXTRACT COMPOSITION FOR CAPSULATION**
[54] **COMPOSITION D'UN EXTRAIT EPAIS DU FEUILLAGE DE CONIFERES DESTINEE A LA MISE EN CAPSULES**
[72] RUBENS, JURIS, LV
[72] DABERTE, IRENA, LV
[72] BARENE, ILZE, LV
[72] DAUGAVIETIS, MARIS, LV
[73] RIGAS STRADINA UNIVERSITATE, LV
[73] BF-ESSE, SIA, LV
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[25] EN
[54] **LOW DENSITY CEMENTITIOUS COMPOSITIONS USING LIMESTONE**
[54] **COMPOSITIONS DE CIMENTATION A FAIBLE DENSITE UTILISANT DU CALCAIRE**
[72] WOYTOWICH, WES, CA
[72] CARRUTHERS, BILL, US
[72] LEHOUX, PAUL, CA
[72] DADERKO, GREG, US
[73] LAFARGE, FR
[86] (2746034)
[87] (2746034)
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[25] EN
[54] **STEAM TEMPERATURE CONTROL USING DYNAMIC MATRIX CONTROL**
[54] **REGULATION DE LA TEMPERATURE DE LA VAPEUR A L'AIDE D'UNE MATRICE DE COMMANDE DYNAMIQUE**
[72] BEVERIDGE, ROBERT ALLEN, US
[72] WHALEN, RICHARD J., JR., US
[73] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
[86] (2747047)
[87] (2747047)
[22] 2011-07-22
[30] US (12/856,998) 2010-08-16

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[51] **Int.Cl. C12N 15/90 (2006.01) C12N 15/09 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **TARGETED INTEGRATION INTO THE ZP15 LOCUS**
[54] **INTEGRATION CIBLEE DANS LE LOCUS ZP15**
[72] BUTLER, HOLLY J., US
[72] CORBIN, DAVID R., US
[72] DOYON, YANNICK, US
[72] GAO, ZHIFANG, US
[72] SHUKLA, VIPULA K., US
[72] URNOV, FYODOR, US
[72] WORDEN, SARAH E., US
[73] DOW AGROSCIENCES LLC, US
[73] SANGAMO THERAPEUTICS, INC., US
[85] 2011-06-14
[86] 2009-12-17 (PCT/US2009/006606)
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[25] EN
[54] **WATER CONTROL GATE AND ACTUATOR THEREFORE**
[54] **VANNE DE GARDE D'EAU ET ACTIONNEUR CORRESPONDANT**
[72] OBERMEYER, HENRY K., US
[72] MO, T.W., KR
[72] ECKMAN, ROBERT D., US
[73] OBERMEYER, HENRY K., US
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[54] **PROPELLERS FOR AIRCRAFT**
[54] **HELICES POUR AVION**
[72] TOWKAN, MICHAEL FEDOR, GB
[73] GE AVIATION SYSTEMS LIMITED, GB
[86] (2747457)
[87] (2747457)
[22] 2011-07-28
[30] GB (1013261.1) 2010-08-06

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[54] **BLADE PIVOT MECHANISM**
[54] **MECANISME DE LAME PIVOTANTE**
[72] DITZLER, STEVEN JAY, US
[73] DEERE & COMPANY, US
[86] (2747566)
[87] (2747566)
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[54] **A DEVICE AND METHOD FOR THE GEOMETRIC DETERMINATION OF ELECTRICAL DIPOLE DENSITIES ON THE CARDIAC WALL**
[54] **DISPOSITIF ET PROCEDE PERMETTANT LA DETERMINATION GEOMETRIQUE DE DENSITES DE DIPOLE ELECTRIQUE SUR LA PAROI CARDIAQUE**
[72] SCHARF, CHRISTOPH, CH
[72] SCHARF, GUNTER, CH
[73] SCHARF, CHRISTOPH, CH
[85] 2011-06-20
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[25] EN
[54] **METHODS AND DEVICES USED FOR AUTOMATICALLY CONTROLLING SPEED OF AN EXPANDER**
[54] **METHODES ET DISPOSITIF UTILISES POUR LA COMMANDE AUTOMATIQUE DE LA VITESSE D'UN EXTENSEUR**
[72] ROSSI, DAVID, IT
[73] NUOVO PIGNONE S.P.A., IT
[86] (2748023)
[87] (2748023)
[22] 2011-08-04
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[54] **BURST DISK-ACTUATED SHAPED CHARGES, SYSTEMS AND METHODS OF USE**
[54] **CHARGES CREUSES ACTIONNEES PAR UN DISQUE DE RUPTURE, SYSTEMES ET METHODES D'UTILISATION**
[72] SHERMAN, SCOTT, CA
[73] DRECO ENERGY SERVICES ULC, CA
[86] (2748111)
[87] (2748111)
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[54] **METHODS AND DEVICES USED FOR AUTOMATICALLY CONTROLLING SPEED OF AN EXPANDER**
[54] **METHODES ET DISPOSITIF UTILISES POUR LA COMMANDE AUTOMATIQUE DE LA VITESSE D'UN EXTENSEUR**
[72] ROSSI, DAVID, IT
[73] NUOVO PIGNONE S.P.A., IT
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[25] EN
[54] **RETRACTABLE COVERING FOR DOORWAYS, ARCHWAYS, AND THE LIKE**
[54] **COUVERTURE RETRACTABLE POUR PORTES, ARCHES ET OUVERTURES SIMILAIRES**
[72] DREW, TERRENCE M., US
[73] HUNTER DOUGLAS INC., US
[86] (2748834)
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[25] EN
[54] **PHARMACEUTICAL ORAL DOSAGE FORM COMPRISING A TRIPTAN AND AN ANTIEMETIC**
[54] **FORME DE DOSAGE PHARMACEUTIQUE ORAL RENFERMANT UN TRIPTAN ET UN ANTIEMETIQUE**
[72] BOSSE, PAUL, US
[72] AMELING, JOHN, US
[72] SCHACHTEL, BERNARD, US
[72] TAKIGIKU, RAY, US
[73] CHARLESTON LABORATORIES, INC., US
[85] 2011-07-08
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[54] **TETRAHYDROPYRIDOETHERS POUR LE TRAITEMENT DE LA DEGENERESCENCE MACULAIRE LIEE A L'AGE (AMD)**
[72] SCHRAERMEYER, ULRICH, DE
[72] SENN-BILFINGER, JORG, DE
[72] STURM, ERNST, DE
[73] KATAIRO GMBH, DE
[73] TAKEDA GMBH, DE
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[25] FR
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[54] **LOCOMOTIVE DIESEL-ELECTRIQUE**
[72] GERAUD, SEBASTIEN CHRISTIAN, FR
[72] CHANAL, PIERRE, FR
[73] ALSTOM TRANSPORT TECHNOLOGIES, FR
[86] (2750092)
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[54] **FUSED RING COMPOUND AND USE THEREOF**
[54] **COMPOSE A NOYAUX CONDENSES ET SON UTILISATION**
[72] MAEKAWA, TSUYOSHI, JP
[72] IGAWA, HIDEYUKI, JP
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2011-07-25
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[54] **CARBOXAMIDE COMPOUNDS AND METHODS FOR USING THE SAME**
[54] **COMPOSES CARBOXAMIDES ET LEURS PROCEDES D'UTILISATION**
[72] DARWISH, IHAB S., US
[72] HONG, HUI, US
[72] SINGH, RAJINDER, US
[72] XU, XIANG, US
[73] RIGEL PHARMACEUTICALS, INC., US
[85] 2011-07-26
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[51] **Int.Cl. H04L 12/24 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR UPDATING PRINTER LOCATION INFORMATION FIELD**
[54] **SYSTEME ET PROCEDE DE MISE A JOUR DU CHAMP DES DONNEES DE LOCALISATION DE L'IMPRIMANTE**
[72] ST.LAURENT, MICHAEL, CA
[72] ONISCHKE, MARK, CA
[72] KUINDERSMA, MICHAEL, CA
[72] KRISHNAMMAGARU, DHARMESH, CA
[72] STAIRS, JONATHAN, CA
[72] NOREIKIS, KEN, US
[73] PRINTERON INC., CA
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[25] EN
[54] **METHODS AND DEVICES FOR LOW SPEED LOW TORQUE TESTING OF A ROTOR IN A TURBOMACHINERY**
[54] **PROCEDES ET DISPOSITIFS POUR LA MISE A L'ESSAI D'UN ROTOR A BASSE VITESSE ET A FAIBLE COUPLE DANS UNE TURBOMACHINE**
[72] BEI, SIMONE, IT
[72] CASONI, ANDREA, IT
[72] BAGNI, GIANNI, IT
[72] BENERICETTI, DANIELE, IT
[72] D'ALESSANDRO, GIUSEPPE, IT
[73] NUOVO PIGNONE S.P.A., IT
[86] (2751970)
[87] (2751970)
[22] 2011-09-08
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[54] **BOARD ASSEMBLY**
[54] **ENSEMBLE DE PANNEAUX**
[72] HUANG, HUANWEN, CN
[73] HONG KONG MEI LI SHENG FLOORING CO., LIMITED, CN
[73] BEAULIEU INTERNATIONAL GROUP NV, BE
[85] 2011-08-25
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[30] CN (201010203493.0) 2010-06-09
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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR USING VERIFIED INFORMATION CARDS IN A COMMUNICATIONS NETWORK**
[54] **SYSTEMES ET PROCEDES D'UTILISATION DE CARTES D'INFORMATIONS VERIFIEES DANS UN RESEAU DE COMMUNICATION**
[72] MORRIS, W. KERRY, US
[72] COLSON, CHRISTEN J., US
[72] JOHNSON, MITCHELL S., US
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[72] VEZZOLI, MASSIMILIANO, CH
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[72] ZHENG, DANIAN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **PROCEDE POUR CREER UN CONTENU A L'AIDE D'UN APPAREIL PHOTOGRAPHIQUE OU D'UNE CAMERA D'UN TERMINAL PORTABLE ET TERMINAL PORTABLE ADAPTE A CELUI-CI**
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[54] **SYSTEME DE COLLECTE ET D'ANALYSE DYNAMIQUE DES DONNEES**
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[73] POWERNOODLE INC., CA
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[54] **METABOLITES ANTIFONGIQUES ISSUS D'ENDOPHYTES FONGIQUES DE PINUS STROBUS**
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[72] ADAMS, GREG WILLIAM, CA
[72] SUMARAH, MARK, CA
[73] J.D. IRVING, LIMITED, CA
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[54] **PURIFICATION ET ISOLEMENT D'ENZYMES DE RECOMBINAISON DEGRADANT L'OXALATE, ET PARTICULES SECHEES PAR ATOMISATION CONTENANT CES ENZYMES**
[72] SIDHU, HARMEET, US
[72] LI, QINGSHAN, US
[72] COWLEY, AARON BLAKE, US
[72] GOELANDER, CAROL-GUSTAF, SE
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[54] **PROCEDE DE SURVEILLANCE DES MOUVEMENTS D'UN TERRAIN**
[72] GASTINE, ERIC, FR
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[54] **COMPOSES PYRAZOLO[1,5-A]PYRIMIDINES SUBSTITUEES EN TANT QU'INHIBITEURS DES TRK KINASES**
[72] ALLEN, SHELLEY, US
[72] ANDREWS, STEVEN WADE, US
[72] CONDROSKI, KEVIN RONALD, US
[72] HAAS, JULIA, US
[72] HUANG, LILY, US
[72] JIANG, YUTONG, US
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[54] **ANALOGUES D'ARYLSPHINGOSINE-1-PHOSPHATE BICYCLIQUES**
[72] THOMAS, JERMAINE, US
[72] LIU, XIAOGAO, US
[72] LIN, EDWARD YIN-SHIANG, US
[72] ZHENG, GUO ZHU, US
[72] MA, BIN, US
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[54] **VITAMIN D3 AND ANALOGS THEREOF FOR TREATING ALOPECIA**
[54] **VITAMINE D3 ET SES ANALOGUES POUR LE TRAITEMENT DE L'ALOPECIE**
[72] JIMENEZ, JOAQUIN J., US
[72] NARAIN, NIVEN RAJIN, US
[72] MCCOOK, JOHN PATRICK, US
[73] BERG LLC, US
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[72] JANSEN, MICKEL LEONARDUS AUGUST, NL
[72] VERWAAL, RENE, NL
[73] DSM IP ASSETS B.V., NL
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[72] HEDRICK, RANDALL, US
[72] GOODNOW, DARRELL W., US
[72] BONEDARENKO, DAVID J., US
[73] ATLANTIC SIGNAL, LLC, US
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[54] **CONJUGUES DE DIMERES DE PYRROLO[1,4] BENZODIAZEPINE EN TANT QU'ANTICANCEREUX**
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[72] GAUZY-LAZO, LAURENCE, FR
[73] SANOFI, FR
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[72] DOUROS, BRYAN PHIL, US
[72] ATTERBURY, MATTHEW DARCY, US
[72] STANFILL, CRAIG W., US
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[54] **SHINGLE WITH REINFORCED NAIL ZONE AND METHOD OF MANUFACTURING**
[54] **BARDEAU RENFORCE D'UNE ZONE DE CLOUS ET METHODE DE FABRICATION**
[72] BELT, JAMES S., US
[72] ELLIOTT, BERT W., US
[73] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[54] **COUVERCLE ISOLANT POUR UN CONTENANT D'ALIMENTS ET METHODE DE FABRICATION CONNEXE**
[72] CAI, LIMING, US
[72] BRUCH, CHRIS T., US
[72] ABAYHAN, AYBERK, US
[73] PACTIV LLC, US
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[54] **NOVEL ARYLATED CAMPHENES, PROCESSES FOR THEIR PREPARATION AND USES THEREOF**
[54] **NOUVEAUX CAMPHENES ARYLES, PROCEDES DE PREPARATION ET UTILISATIONS DE CEUX-CI**
[72] MECHOULAM, RAPHAEL, IL
[72] MAGID, LITAL, IL
[72] SHOHAMI, ESTHER, IL
[72] BAB, ITAI, IL
[73] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM, LTD., IL
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[54] **BATTERIE ET FILIERE ENERGETIQUE**
[72] FUKUNAGA, ATSUSHI, JP
[72] INAZAWA, SHINJI, JP
[72] MAJIMA, MASATOSHI, JP
[72] NITTA, KOJI, JP
[72] SAKAI, SHOICHIRO, JP
[72] HAGIWARA, RIKA, JP
[72] NOHIRA, TOSHIYUKI, JP
[72] ISHIBASHI, TATSUYA, JP
[73] KYOTO UNIVERSITY, JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
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[54] **SAMPLER FOR TAKING SAMPLES FROM MELTS HAVING A MELTING POINT HIGHER THAN 600.DEGREE.C, AND METHOD FOR TAKING SAMPLES**
[54] **APPAREIL DE PRELEVEMENT D'ECHANTILLONS DE PRODUITS FONDUS AYANT UN POINT DE FUSION SUPERIEUR A 600.DEGREE.C, ET METHODE DE PRELEVEMENT DES ECHANTILLONS**
[72] SONG, LIHUAN, BE
[72] BROEKMANS, GERRIT, BE
[72] NEYENS, GUIDO JACOBUS, BE
[72] BEYENS, DRIES, BE
[73] HERAEUS ELECTRO-NITE INTERNATIONAL N.V., BE
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[54] **PROCEDE ET SYSTEME DE GESTION DE DONNEES MULTI-NIVEAU POUR SURVEILLANCE DE DONNEES A HAUTE PERFORMANCE**
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[72] TELFER, ANGUS RICHARD, CA
[73] INETCO SYSTEMS LIMITED, CA
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[72] LAFRANCE, RYAN MARC, US
[72] SHILL, SCOTT M., US
[72] WAGNER, JERRY, US
[72] TOMSON, BRUCE, US
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[54] **METHOD OF OPERATING A REMOTELY-CONTROLLED SWITCHING DEVICE OF AN ENERGY MANAGEMENT SYSTEM**
[54] **METHODE D'UTILISATION D'UN APPAREIL DE CONNEXION TELECOMMANDE POUR SYSTEME DE GESTION D'ENERGIE**
[72] HATIER, JEAN-DENIS, CA
[72] PAQUIN, REGINALD, CA
[73] TECHNOLOGIE DEMTROYS INC., CA
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[72] GUTSELL, GRAHAM, GB
[73] THE SECRETARY OF STATE FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS, GB
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[72] PRYOR, GLEN F., US
[72] WEBSTER, WAYNE H., US
[72] LINDEE, SCOTT A., US
[72] TORRENGA, RYAN, US
[72] CHOATE, PAUL, US
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[54] **ESSAIS POUR DETECTER DES ANTICORPS SPECIFIQUES D'ANTICORPS ANTI-IGE THERAPEUTIQUES ET LEUR UTILISATION EN ANAPHYLAXIE**
[72] FISCHER, SALOUMEH, US
[72] BAKER, DANA L., US
[72] LOWMAN, HENRY B., US
[72] NAKAMURA, GERALD R., US
[73] GENENTECH, INC., US
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[54] **DELIVERY DEVICES WITH COOLABLE ENERGY EMITTING ASSEMBLIES**
[54] **DISPOSITIFS D'ACHEMINEMENT A ENSEMBLES EMETTEURS D'ENERGIE REFROIDISSABLES**
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[72] DIMMER, STEVEN C., US
[73] NUVAIRA, INC., US
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[54] **SYSTEME COLLECTEUR POUR BOBINE A MICROCANAL**
[72] TROUTMAN, STEPHEN, US
[73] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
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[72] THORLEY, CRAIG STEPHEN, AU
[72] KAAL, JOSEPH HERMES, AU
[72] RAFFERTY, CHRISTOPHER CHARLES, AU
[72] JOHNSON, IAN, AU
[72] SIU, ERIC, AU
[72] READE, ANDREW, AU
[73] UNITRACT SYRINGE PTY LTD, AU
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[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN AGONISTE DE GLP-1, UNE INSULINE ET DE LA METHIONINE**
[72] HAGENDORF, ANNIKA, DE
[72] HAUCK, GERRIT, DE
[72] MUELLER, WERNER, DE
[72] SCHOETTLE, ISABELL, DE
[72] SIEFKE-HENZLER, VERENA, DE
[72] TERTSCH, KATRIN, DE
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[54] **MEMBRANES ET PROCEDES ASSOCIES POUR PURIFICATION D'ANTICORPS**
[72] MALENFANT, PATRICK ROLAND LUCIEN, US
[72] OLSEN, CATHRYN ELLEN, US
[72] PIZZI, VINCENT FRANCIS, US
[72] YEAGER, GARY WILLIAM, US
[72] DUTHIE, ROBERT SCOTT, US
[72] LIND, PER OLA, SE
[72] HALLGREN, STINA ELISABETH, SE
[72] MORRISON, ANNIKA, SE
[73] GENERAL ELECTRIC COMPANY, US
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[54] **VECTEUR DE CHROMOSOME HUMAIN ARTIFICIEL**
[72] KUROIWA, YOSHIMI, US
[72] MATSUSHITA, HIROAKI, US
[72] SANO, AKIKO, JP
[73] SAB, LLC, US
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[54] **SYSTEME POUR ACCROITRE L'EXPRESSION GENETIQUE, ET VECTEUR DE SUPPORT POUR UN TEL SYSTEME**
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[72] HUH, NAM-HO, JP
[72] SAKAGUCHI, MASAKIYO, JP
[72] WATANABE, MASAMI, JP
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[72] QIU, XIAO, CA
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[73] BASF PLANT SCIENCE COMPANY GMBH, DE
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[54] **DERIVES D'IMIDAZOLIDINEDIONE**
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[72] DECOR, ANNE, IT
[72] FONTANA, STEFANO, IT
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[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DES LIGANDS DES RECEPTEURS SIGMA**
[72] SOLER RANZANI, LUIS, ES
[72] ESPOSITO, PIERANDREA, ES
[72] CASADEVALL PUJALS, GEMMA, ES
[72] CUBEL SUNE, NURIA, ES
[73] LABORATORIOS DEL DR. ESTEVE S.A., ES
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[54] **COMPOSITION ET PROCEDE DE LUTTE CONTRE LES MALADIES DES PLANTES**
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[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **REMORQUE A DECHARGE PAR GRAVITE AVEC GOULOTTE DE DECHARGEMENT ET PLAQUE D'AMORTISSEMENT**
[72] VAN MILL, MICHAEL, US
[72] WALVATNE, JOHN, US
[72] RUBNER, DARYL, US
[73] UNVERFERTH MANUFACTURING COMPANY, INC., US
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[54] **PYRAZOLOPYRIMIDINES ET HETEROCYCLES ASSOCIES EN TANT QU'INHIBITEURS DE CK2**
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[72] TRAN, JOE A., US
[72] PIERRE, FABRICE, US
[72] REGAN, COLLIN F., US
[72] RAFFAELE, NICHOLAS B., US
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[54] **APPAREIL ET PROCEDE ET TRAITEMENT D'ECHANTILLONS BIOLOGIQUES**
[72] LARSEN, SOREN DAMGAARD, DK
[72] VALBJORN, PETER AXEL, DK
[73] DAKO DENMARK A/S, DK
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[54] **ASSEMBLAGE DE PASSAGE DE WAGONS-CITERNES**
[72] DOUGLAS, PETER J., US
[72] WALTER, GARY C., US
[73] UNION TANK CAR COMPANY, US
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[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[54] **DISPOSITIF DE CHAUFFAGE AMELIORE POUR UN SYSTEME DE PRODUCTION D'AEROSOL A CHAUFFAGE ELECTRIQUE**
[72] THORENS, MICHEL, CH
[72] FLICK, JEAN-MARC, CH
[72] COCHAND, OLIVIER YVES, CH
[72] DUBIEF, FLAVIEN, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **SOUCHE BACTERIENNE HOTE EXPRIMANT UNE PROTEINE DSBC RECOMBINEE ET AYANT UNE ACTIVITE TSP REDUITE**
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[72] HUMPHREYS, DAVID PAUL, GB
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[72] RUARO, ENRICO, IT
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[73] COATING EXCELLENCE INTERNATIONAL LLC, US
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[54] **FLOOR PANEL ASSEMBLY AND FLOOR PANEL FOR USE THEREIN**
[54] **ENSEMBLE DE PANNEAUX DE PLANCHER ET PANNEAU DE PLANCHER DESTINE A ETRE UTILISE DANS CELUI-CI**
[72] VERMEULEN, BRUNO PAUL LOUIS, BE
[72] DE RICK, JAN EDDY, BE
[73] UNILIN, BVBA, BE
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[54] **MOYENS ET METHODES DE DIAGNOSTIC D'UNE INSUFFISANCE CARDIAQUE CHEZ UN SUJET**
[72] FUHRMANN, JENS, DE
[72] RESZKA, REGINA, DE
[72] KASTLER, JUERGEN, DE
[72] BUSCH, KRISTINA, DE
[72] LEIBOLD, EDGAR, DE
[72] KATUS, HUGO A., DE
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[54] **METHOD FOR CARBON BLACK PRODUCTION USING PREHEATED FEEDSTOCK AND APPARATUS FOR SAME**
[54] **PROCEDES DE PRODUCTION DE NOIR DE CARBONE UTILISANT UNE CHARGE D'ALIMENTATION PRECHAUFFEE ET APPAREIL A CET EFFET**
[72] NESTER, SERGUEI, US
[72] RUMPF, FREDERICK H., US
[72] KUTSOVSKY, YAKOV E., US
[72] NATALIE, CHARLES A., US
[73] CABOT CORPORATION, US
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[54] **PROCEDES DE TRAITEMENT PAR LASER DE FIBRES OPTIQUES EN RESEAU AVEC DES CONNECTEURS BOUT-A-BOUT**
[72] DE JONG, MICHAEL, US
[72] HALL, RADAWAN, US
[72] ISENHOUR, MICAH C., US
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[73] CORNING OPTICAL COMMUNICATIONS LLC, US
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[72] BOSSARD, MARY J., US
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[54] **PROCEDE ET SYSTEME DE CLASSEMENT DE DOCUMENTS DE PROPRIETE INTELLECTUELLE A L'AIDE D'UNE ANALYSE DES REVENDICATIONS**
[72] VEERAMACHANENI, SRIHARSHA, US
[72] QUICK, GARY, US
[72] VACHHER, ARUN, US
[72] LIAO, WENHUI, US
[73] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
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[54] **PROCEDE ET APPAREIL DE MANUTENTION DE MATERIAUX DANS UN SYSTEME DE MANUTENTION PNEUMATIQUE**
[72] SUNDHOLM, GOERAN, FI
[73] MARICAP OY, FI
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[54] **PROCEDE CONSISTANT A ETABLIR DE MANIERE EFFICACE DES CELLULES SOUCHES PLURIPOTENTES INDUITES**
[72] YAMANAKA, SHINYA, JP
[72] GOSHIMA, NAOKI, JP
[72] MAEKAWA, MOMOKO, JP
[72] KAWAMURA, YOSHIFUMI, JP
[72] MOCHIZUKI, HIROMI, JP
[73] KYOTO UNIVERSITY, JP
[73] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
[73] JAPAN BIOLOGICAL INFORMATICS CONSORTIUM, JP
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[25] EN
[54] **SUBSTITUTED FUSED IMIDAZOLE DERIVATIVES, PHARMACEUTICAL COMPOSITIONS, AND METHODS OF USE THEREOF**
[54] **DERIVES D'IMIDAZOLE FUSIONNES ET SUBSTITUES, COMPOSITIONS PHARMACEUTIQUES ET PROCEDES D'UTILISATION ASSOCIES**
[72] MJALLI, ADNAN M. M., US
[72] POLISETTI, DHARMA RAO, US
[72] KASSIS, JAREER NABEEL, US
[72] KOSTURA, MATTHEW J., US
[72] ATTUCKS, OTIS CLINTON, US
[72] ANDREWS, ROBERT CARL, US
[72] VICTORY, SAMUEL, US
[72] GUPTA, SUPARNA, US
[72] GUZEL, MUSTAFA, US
[73] VTV THERAPEUTICS LLC, US
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[54] **EMPILEMENT DE PILE A COMBUSTIBLE DESTINE A UN ECOULEMENT D'ELECTROLYTE**
[72] THOMAS, MARTIN, GB
[73] AFC ENERGY PLC, GB
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[54] **APPAREIL D'ESSAI DE PNEUMATIQUE A LARGEUR DE TALON REGLABLE**
[72] WOLLBRINCK, JAMES, US
[72] MATUSZNY, RICHARD R., US
[72] CARGOULD, BARRY, US
[72] KRIEGER, RICHARD, US
[73] MICRO-POISE MEASUREMENT SYSTEMS LLC, US
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[54] **SUPPLEMENTATION EN ACIDE SIALIQUE DU REGIME ALIMENTAIRE MATERNEL**
[72] ZIMMER, JOHN PAUL, US
[72] BUTT, CHRISTOPHER MICHAEL, US
[73] DSM IP ASSETS B.V., NL
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[54] **DEVICE FOR QUANTIFYING THE DEGASSING OF A PIECE OF EQUIPMENT ARRANGED IN A VACUUM CHAMBER**
[54] **DISPOSITIF DE QUANTIFICATION DU DEGAZAGE D'UN EQUIPEMENT PLACE DANS UNE ENCEINTE A VIDE**
[72] BETTACCHIOLI, ALAIN, FR
[73] THALES, FR
[85] 2012-09-10
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[25] EN
[54] **PROCESS FOR THE REMOVAL OF HEAT STABLE SALTS FROM ACID GAS ABSORBENTS**
[54] **PROCEDE D'ELIMINATION DES SELS THERMOSTABLES CONTENUS DANS LES ABSORBANTS DE GAZ ACIDES**
[72] BHAMBHANI-GODHWANI, VIJAY, CA
[72] SARLIS, JOHN NICHOLAS, CA
[73] CANSOLV TECHNOLOGIES INC., CA
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[54] **COMPOSE DE BENZAZEPINE**
[72] KOSHIO, HIROYUKI, JP
[72] ASAI, NORIO, JP
[72] TAKAHASHI, TAISUKE, JP
[72] SHIMIZU, TAKAFUMI, JP
[72] NAGAI, YASUHITO, JP
[72] KAWABATA, KEIKO, JP
[72] THOR, KARL BRUCE, US
[73] ASTELLAS PHARMA INC., JP
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[54] **PREPARATION OF STABILISED X-RAY DIAGNOSTIC COMPOSITION**
[54] **PREPARATION D'UNE COMPOSITION DIAGNOSTIQUE RADIOGRAPHIQUE STABILISEE**
[72] GLOEGAARD, CHRISTIAN, NO
[72] VELD, DIRK-JAN, IN'T, NO
[73] GE HEALTHCARE AS, NO
[85] 2012-09-14
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[25] EN
[54] **SLATE STYLE ROOFING SYSTEM WITH INTEGRATED SOLAR PANELS**
[54] **SYSTEME DE TOITURE DE TYPE ARDOISE A PANNEAUX SOLAIRES INTEGRES**
[72] RAILKAR, SUDHIR, US
[72] CHICH, ADEM, US
[72] BECK, DOUGLAS, US
[73] BUILDING MATERIALS INVESTMENT CORPORATION, US
[85] 2012-09-18
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[54] **APPARATUS AND METHOD FOR IMAGING AN EYE**
[54] **APPAREIL ET PROCEDE D'IMAGERIE DE L'OEIL**
[72] VERDOONER, STEVEN, US
[73] NEUROVISION IMAGING, INC., US
[85] 2012-09-19
[86] 2011-03-22 (PCT/US2011/029421)
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[25] EN
[54] **POLYSACCHARIDE AND PROTEIN-POLYSACCHARIDE CROSS-LINKED HYDROGELS FOR SOFT TISSUE AUGMENTATION**
[54] **HYDROGELS RETICULES A BASE DE POLYSACCHARIDES ET DE PROTEINES-POLYSACCHARIDES POUR L'AUGMENTATION DES TISSUS MOUS**
[72] GUILLEN, KARINA HEREDIA, US
[72] TEZEL, AHMET, US
[73] ALLERGAN, INC., US
[85] 2012-09-24
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[25] EN
[54] **FEMALE ELECTRICAL RECEPTACLE FOR MOUNTING BEHIND AN INLET VALVE OF A CENTRAL VACUUM CLEANING SYSTEM**
[54] **PRISE ELECTRIQUE FEMELLE A FIXER DERRIERE UNE SOUPAPE D'ENTREE D'UNE INSTALLATION CENTRALE D'ASPIRATION DE POUSSIERE**
[72] MANTYLA, JAMES, CA
[72] BALDWIN, SCOTT, CA
[73] CANPLAS INDUSTRIES LTD., CA
[86] (2794991)
[87] (2794991)
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[51] **Int.Cl. G06Q 20/26 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROCESSING PIN DEBIT TRANSACTIONS**
[54] **PROCEDE ET SYSTEME POUR LE TRAITEMENT DE TRANSACTIONS DE DEBIT EN LIGNE (PIN)**
[72] KERESMAN, MICHAEL A., III, US
[72] TURGEON, PAUL, US
[73] CARDINAL COMMERCE CORPORATION, US
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[86] 2011-04-05 (PCT/US2011/031210)
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[54] **METHOD AND APPARATUS FOR WELLBORE CONTROL**
[54] **PROCEDE ET APPAREIL POUR LA COMMANDE D'UN PUITS DE FORAGE**
[72] KENYON, MICHAEL, CA
[72] THEMIG, DANIEL JON, CA
[73] PACKERS PLUS ENERGY SERVICES INC., CA
[85] 2012-09-28
[86] 2011-04-21 (PCT/CA2011/000479)
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[54] **A METHOD OF MANUFACTURING A CONNECTOR, AND A CONNECTOR**
[54] **PROCEDE DE FABRICATION D'UN CONNECTEUR, ET CONNECTEUR**
[72] KUNES, MARK ANTHONY, GB
[72] MCMAHON, PAUL THOMAS, GB
[73] ASTRIUM LIMITED, GB
[85] 2012-10-04
[86] 2011-04-15 (PCT/EP2011/055981)
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[54] **HIGH MOLECULAR WEIGHT ZWITTERION-CONTAINING POLYMERS**
[54] **POLYMERES DE HAUT POIDS MOLECULAIRE CONTENANT DES ZWITTERIONS**
[72] CHARLES, STEPHEN A., US
[72] PERLROTH, VICTOR D., US
[72] BENOIT, DIDIER G., US
[72] CLIZBE, LANE A., US
[72] TO, WAYNE, US
[72] ZADIK, LINDA J., US
[72] PRATT, JEANNE M., US
[73] KODIAK SCIENCES INC., US
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[54] **PROCESS FOR MANUFACTURE OF A THERMOCHROMIC CONTACT LENS MATERIAL**
[54] **PROCEDE POUR LA FABRICATION D'UN MATERIAU DE LENTILLE DE CONTACT THERMO-CHROMIQUE**
[72] ALVAREZ-CARRIGAN, NAYIBY, US
[72] DUIS, DONNIE J., US
[72] GRAMMER, HOLLY L., US
[72] KINDT-LARSEN, TURE, DK
[72] MOLOCK, FRANK F., JR., US
[72] PATTON, JAQUNDA, US
[72] PEDERSEN, KIM SANDER, DK
[72] GEORGE, ERIC R., US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2012-10-05
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[54] **PROCESS FOR PRODUCING A CERAMIC MATRIX COMPOSITE PART**
[54] **PROCEDE D'ELABORATION D'UNE PIECE COMPOSITE A MATRICE CERAMIQUE**
[72] RITTI, MARIE-HELENE, FR
[72] LAINE, BERTRAND, FR
[72] PARLIER, MICHEL, FR
[72] JULIAN-JANKOWIAK, AURELIE, FR
[73] OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES (ONERA), FR
[85] 2012-10-18
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[25] EN
[54] **PUSH-TO-TALK-OVER-CELLULAR (POC)**
[54] **BAVARDAGE SUR RESEAU CELLULAIRE**
[72] AYYASAMY, RAVI, US
[72] KUNDU, GORACHAND, US
[72] PATEL, KRISHNAKANT M., US
[72] VEMPATI, BRAHMANANDA R., US
[72] NEGALAGULI, HARISHA M., US
[72] CHEEDELLA, SHIVA K. K., US
[72] ARDAH, BASEM A., US
[72] KUMAR, RAVI SHANKAR, US
[72] KANDULA, RAMU, IN
[72] VELAYUDHAN, ARUN, IN
[72] NARENDRANATHAN, SHIBU, IN
[72] SETTI, BHARATRAM, IN
[72] NARAYANAN, ANAND, US
[72] CHANDANA, PRATAP, US
[73] KODIAK NETWORKS, INC., US
[86] (2798720)
[87] (2798720)
[22] 2012-12-12
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[54] **BUG CLEARING HOUSE**
[54] **CENTRE D'ECHANGE D'INFORMATIONS CONCERNANT DES BOGUES**
[72] SURAZSKI, JACEK, PL
[72] PARKS, JASON B., US
[72] DUDA, DAWID, PL
[73] GOOGLE LLC, US
[85] 2012-11-06
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[25] EN
[54] **QUATERNARY AMMONIUM SALT ADDITIVE IN GASOLINE COMPOSITION AND USE THEREOF**
[54] **ADDITIF DE SEL D'AMMONIUM QUATERNAIRE DANS UNE COMPOSITION DE GAZOLINE ET UTILISATION ASSOCIEE**
[72] BURGESS, VINCE, GB
[72] REID, JACQUELINE, GB
[72] MULQUEEN, SIMON, GB
[73] INNOSPEC LIMITED, GB
[85] 2012-11-13
[86] 2011-05-10 (PCT/GB2011/050894)
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[25] EN
[54] **VINYL ETHER END-FUNCTIONALIZED POLYOLEFINS**
[54] **FONCTIONNALISATION TERMINALE DE POLYOLEFINES PAR UN ETHER VINYLIQUE**
[72] STOREY, ROBSON F., US
[72] MORGAN, DAVID L., US
[73] THE UNIVERSITY OF SOUTHERN MISSISSIPPI, US
[85] 2012-11-13
[86] 2011-06-01 (PCT/US2011/038681)
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[25] EN
[54] **INFLUENZA VIRUS REASSORTMENT METHOD**
[54] **PROCEDE DE REARRANGEMENT DES GENES DU VIRUS GRIPPAL**
[72] TRUSHEIM, HEIDI, DE
[72] MASON, PETER, US
[72] FRANTI, MICHAEL, US
[72] KEINER, BJOERN, US
[72] SACKAL, MELISSA, US
[72] HUNZIKER, JUERG, US
[72] MORRISSEY, DAVID, US
[72] NATT, FRANCOIS JEAN-CHARLES, CH
[73] SEQIRUS UK LIMITED, GB
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[51] **Int.Cl. G06F 12/1081 (2016.01) G06F 13/28 (2006.01)**
[25] EN
[54] **RUNTIME DETERMINATION OF TRANSLATION FORMATS FOR ADAPTER FUNCTIONS**
[54] **DETERMINATION DE L'INSTANT D'EXECUTION DE FORMATS DE TRADUCTION POUR DES FONCTIONS D'ADAPTATEUR**
[72] CRADDOCK, DAVID, US
[72] GREGG, THOMAS, US
[72] GREINER, DAN, US
[72] LAIS, ERIC NORMAN, US
[72] SCHMIDT, DONALD WILLIAM, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[25] EN
[54] **INSULIN-LIKE GROWTH FACTOR 1 RECEPTOR BINDING PEPTIDES**
[54] **PEPTIDES DE LIAISON AU RECEPTEUR DU FACTEUR 1 DE CROISSANCE DE TYPE INSULINE**
[72] DIEM, MICHAEL, US
[72] O'NEIL, KARYN, US
[73] JANSSEN BIOTECH, INC., US
[85] 2012-11-22
[86] 2011-05-25 (PCT/US2011/037904)
[87] (WO2011/150061)
[30] US (61/348,937) 2010-05-27

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[25] EN
[54] **BIOGENIC TURBINE AND DIESEL FUEL**
[54] **CARBURANT POUR TURBINE ET POUR MOTEUR DIESEL BIOGENIQUE**
[72] RUSEK, JOHN J., US
[72] ZIULKOWSKI, JONATHON D., US
[72] CATANIA, PHILIP J., US
[72] BOWER, DONALD L., US
[73] SWIFT FUELS, LLC, US
[85] 2012-11-23
[86] 2011-05-23 (PCT/US2011/037505)
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[30] US (12/788,010) 2010-05-26
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[25] EN
[54] **MACROCYCLIC COMPOUNDS USEFUL AS INHIBITORS OF HISTONE DEACETYLASES**
[54] **COMPOSES MACROCYCLIQUES UTILES COMME INHIBITEURS DES HISTONES DEACETYLASES**
[72] LIU, XUEDONG, US
[72] PHILLIPS, ANDREW J., US
[72] UNGERMANNOVA, DANA, US
[72] NASVESCHUK, CHRISTOPHER, G., US
[72] ZHANG, GAN, US
[73] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[85] 2012-11-26
[86] 2011-05-26 (PCT/US2011/038246)
[87] (WO2011/150283)
[30] US (61/348,978) 2010-05-27

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[51] **Int.Cl. E21B 47/01 (2012.01) E21B 47/10 (2012.01)**
[25] EN
[54] **A WELLBORE SURVEILLANCE SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE TROU DE FORAGE**
[72] HALLUNDBAEK, JOERGEN, DK
[73] WELLTEC A/S, DK
[85] 2012-11-29
[86] 2011-05-31 (PCT/EP2011/058987)
[87] (WO2011/151346)
[30] EP (10164469.8) 2010-05-31

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[51] **Int.Cl. F04D 29/52 (2006.01) F01D 5/14 (2006.01) F01D 5/20 (2006.01) F04D 29/68 (2006.01)**
[25] FR
[54] **COMPRESSOR AND TURBOMACHINE WITH OPTIMIZED EFFICIENCY**
[54] **COMPRESSEUR ET TURBOMACHINE A RENDEMENT OPTIMISE**
[72] PERROT, VINCENT PAUL GABRIEL, FR
[72] PESTEIL, AGNES, FR
[72] BAERT, LIEVEN, BE
[72] ILIOPOULOU, VASILIKI, BE
[73] SNECMA, FR
[85] 2012-11-29
[86] 2011-06-09 (PCT/FR2011/051307)
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[30] FR (1054826) 2010-06-17

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[51] **Int.Cl. A61M 37/00 (2006.01) A61M 5/158 (2006.01)**
[25] EN
[54] **APPLICATORS FOR MICRONEEDLES**
[54] **APPLICATEURS POUR MICRO-AIGUILLES**
[72] TRAUTMAN, JOSEPH C., US
[72] BOURNE, DOUGLAS JOSEPH SCOTT, US
[72] LE, ANTHONY, US
[72] WORSHAM, ROBERT WADE, US
[72] SINGH, PARMINDER, US
[73] CORIUM INTERNATIONAL, INC., US
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[30] US (61/331,175) 2010-05-04

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[25] EN
[54] **PROSTATE CANCER ASSOCIATED CIRCULATING NUCLEIC ACID BIOMARKERS**
[54] **BIOMARQUEURS D'ACIDES NUCLEIQUES CIRCULANTS ASSOCIES AU CANCER DE LA PROSTATE**
[72] SCHUETZ, EKKEHARD, US
[72] BECK, JULIA, US
[72] URNOVITZ, HOWARD, US
[73] CHRONIX BIOMEDICAL, US
[85] 2012-12-03
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[30] US (61/351,708) 2010-06-04

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[51] **Int.Cl. A61K 31/517 (2006.01) A61P 35/00 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING AMIDE DERIVATIVE OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN DERIVE D'AMIDE OU SON SEL PHARMACEUTIQUEMENT ACCEPTABLE**
[72] KIM, YONG IL, KR
[72] KIM, KYEONG SOO, KR
[72] JANG, KI YOUNG, KR
[72] KIM, YO HAN, KR
[72] PARK, JAE HYUN, KR
[72] WOO, JONG SOO, KR
[73] HANMI SCIENCE CO., LTD., KR
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[86] 2011-06-10 (PCT/KR2011/004271)
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[30] KR (10-2010-0055549) 2010-06-11

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[51] **Int.Cl. C25D 3/38 (2006.01) C25D 7/12 (2006.01) H01L 21/288 (2006.01) H01L 21/768 (2006.01)**
[25] EN
[54] **COPPER-ELECTROPLATING COMPOSITION AND PROCESS FOR FILLING A CAVITY IN A SEMICONDUCTOR SUBSTRATE USING THIS COMPOSITION**
[54] **COMPOSITION POUR LE DEPOT ELECTROLYTIQUE DE CUIVRE, ET PROCEDE DE REMPLISSAGE D'UNE CAVITE DANS UN SUBSTRAT SEMI-CONDUCTEUR UTILISANT LADITE COMPOSITION**
[72] FREDERICH, NADIA, FR
[72] RAYNAL, FREDERIC, FR
[72] GONZALEZ, JOSE, FR
[73] ALCHIMER, FR
[85] 2012-12-06
[86] 2011-06-09 (PCT/EP2011/059581)
[87] (WO2011/154493)
[30] FR (1054668) 2010-06-11
[30] FR (1151583) 2011-02-25

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[25] EN
[54] **ARRANGEMENT FOR CONNECTING TWO RAIL SEGMENTS**
[54] **ARRANGEMENT POUR RELIER DEUX PORTIONS DE RAIL**
[72] SPIES, GERD, DE
[72] PASSMANN, CHRISTOPH, DE
[73] KONECRANES GLOBAL CORPORATION, FI
[85] 2012-12-11
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[30] DE (10 2010 037 523.3) 2010-09-14

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[25] EN
[54] **METHOD FOR DIFFERENTIATING HUMAN NEURAL PROGENITOR CELLS INTO DOPAMINERGIC NEURONS, AND MEDIUM FOR DIFFERENTIATION THEREOF**
[54] **PROCEDE POUR DIFFERENCIER DES CELLULES PROGENITRICES NEURALES HUMAINES EN NEURONES DOPAMINERGIQUES, ET MILIEU POUR LA DIFFERENCIATION DE CELLES-CI**
[72] MOON, JI-SOOK, KR
[73] COLLEGE OF MEDICINE POCHON CHA UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION, KR
[85] 2012-12-13
[86] 2011-06-07 (PCT/KR2011/004118)
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[30] KR (10-2010-0055832) 2010-06-14

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[25] EN
[54] **A PANEL COUPLING ASSEMBLY**
[54] **ENSEMBLE D'ACCOUPLEMENT DE PANNEAUX**
[72] VERMEULEN, BRUNO PAUL LOUIS, BE
[72] DE RICK, JAN EDDY, BE
[73] UNILIN, BVBA, BE
[85] 2012-12-17
[86] 2011-06-15 (PCT/EP2011/059946)
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[54] **OBJET MOULE COMPOSITE RENFORCE PAR DES FIBRES**
[72] BORJA, ADASME YARA MILLARAY, AT
[72] DUMOLARD, JEAN CLAUDE, FR
[72] LARSEN, FLEMMING, DK
[72] SCHOEFLINGER, MANFRED, AT
[73] HEXCEL HOLDING GMBH, AT
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[54] **LIPOSOMES DESTINES A UNE ADMINISTRATION PULMONAIRE**
[72] GESSLER, TOBIAS, DE
[72] SCHMEHL, THOMAS, DE
[72] RIEGER, MONIKA, DE
[73] JUSTUS-LIEBIG-UNIVERSITAT GIEßEN, DE
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[54] **HIGH NITROGEN AND OTHER INERT GAS ANTI-CORROSION PROTECTION IN WET PIPE FIRE PROTECTION SYSTEM**
[54] **HAUTE PROTECTION ANTICORROSION A L'AZOTE OU AUTRE GAZ INERTE DANS UN SYSTEME DE PROTECTION CONTRE L'INCENDIE A CANALISATIONS HUMIDES**
[72] BURKHART, DAVID J., US
[72] KOCHELEK, JEFFREY T., US
[72] JONES, KENNETH, US
[72] HOLT, THORSTEIN, US
[73] ENGINEERED CORROSION SOLUTIONS, LLC, US
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[25] EN
[54] **RETAINING WALL SYSTEMS AND METHODS OF CONSTRUCTING SAME**
[54] **SYSTEMES DE MURS DE SOUTENEMENT ET PROCEDES DE CONSTRUCTION ASSOCIES**
[72] ALFREDS, KIM L., US
[73] ALFREDS & ALFREDS, INC., US
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[54] **STRUCTURE FEUILLETEE POUR LA VISUALISATION D'INFORMATIONS**
[72] DEKONINCK, ALEXANDRA, FR
[72] SABLAYROLLES, JEAN, FR
[73] SEKISUI CHEMICAL CO., LTD., JP
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[25] EN
[54] **INTRAVASCULAR ARTERIAL TO VENOUS ANASTOMOSIS AND TISSUE WELDING CATHETER**
[54] **ANASTOMOSE INTRAVASCULAIRE D'UNE ARTERE A UNE VEINE, ET CATHETER POUR SOUDAGE DE TISSU**
[72] KELLERMAN, BRAD M., US
[72] ALDRIDGE, DAVID TROTTINGWOLF, US
[72] WROLSTAD, DAVID K., US
[72] RITCHART, MARK A., US
[72] HULL, JEFFREY E., US
[73] BAJA RESEARCH, LLC., US
[73] AVENU MEDICAL, INC., US
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[54] **SEQUESTRATIONS DE DIOXYDE DE CARBONE ENTRAINANT DES PROCEDES THERMOLYTIQUES A BASE DE DEUX SELS**
[72] JONES, JOE DAVID, US
[72] YABLONSKY, AL, US
[73] CARBONFREE CHEMICALS HOLDINGS, LLC, US
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[25] EN
[54] **METHOD FOR PREPARING MICROSPHERES AND MICROSPHERES PRODUCED THEREBY**
[54] **PROCEDE DE PREPARATION DE MICROSPHERES ET MICROSPHERES PRODUITES PAR CE PROCEDE**
[72] SAH, HONG KEE, KR
[72] LEE, BONG-YONG, KR
[72] UM, KEY-AN, KR
[72] OH, JOON-GYO, KR
[72] HWANG, YONG YOUN, KR
[72] KIM, HONG-KEE, KR
[72] LEE, KYU HO, KR
[72] HONG, SEOK HYUN, KR
[72] LEE, YOON-JUNG, KR
[73] EWHA UNIVERSITY-INDUSTRY COLLABORATION FOUNDATION, KR
[73] SK CHEMICALS CO., LTD., KR
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[25] EN
[54] **FRAME FOR GLASSES, MASKS FOR PROFESSIONAL OR SPORTS USE, AND THE LIKE**
[54] **MONTURE DE LUNETTES, MASQUES A USAGE PROFESSIONNEL OU SPORTIF, ET SIMILAIRES**
[72] POLEGATO MORETTI, MARIO, IT
[73] GEOX S.P.A., IT
[85] 2013-01-23
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[25] EN
[54] **MOTOR DRIVEN SURGICAL FASTENER DEVICE WITH MECHANISMS FOR ADJUSTING A TISSUE GAP WITHIN THE END EFFECTOR**
[54] **DISPOSITIF DE FIXATION CHIRURGICAL MOTORISE AVEC MECANISMES POUR AJUSTER UN ECART DE TISSU DANS L'EFFECTEUR D'EXTREMITE**
[72] SHELTON, FREDERICK E., IV, US
[73] ETHICON ENDO-SURGERY, INC., US
[85] 2013-01-23
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[54] **DECODING AND ENCODING ACCORDING TO A PREDICTION MODE DETERMINED FROM MULTIPLE ESTIMATED PREDICTION MODES**
[54] **DECODAGE ET CODAGE SELON UN MODE DE PREDICTION DETERMINE A PARTIR DE MODES DE PREDICTION ESTIMES MULTIPLES**
[72] SASAI, HISAO, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[72] DRUGEON, VIRGINIE, DE
[73] SUN PATENT TRUST, US
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[54] **PURIFICATION PROCESS**
[54] **PROCEDE D'EPURATION**
[72] BARBOSA, LUIS A.M.M., NL
[73] MALLINCKRODT NUCLEAR MEDICINE LLC, US
[85] 2013-01-24
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[54] **INTRINSICALLY MAGNETIC HYDROXYAPATITE**
[54] **HYDROXYAPATITE INTRINSEQUEMENT MAGNETIQUE**
[72] TAMPIERI, ANNA, IT
[72] LANDI, ELENA, IT
[72] SANDRI, MONICA, IT
[72] PRESSATO, DANIELE, IT
[72] RIVAS REY, JOSE, ES
[72] BANOBRE LOPEZ, MANUEL, ES
[72] MARCACCI, MAURILIO, IT
[73] CONSIGLIO NAZIONALE DELLE RICERCHE, IT
[73] FIN-CERAMICA FAENZA S.P.A., IT
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[25] EN
[54] **METHOD FOR PRODUCTION OF CELLULOSE NANO CRYSTALS FROM CELLULOSE-CONTAINING WASTE MATERIALS**
[54] **PROCEDE DE PRODUCTION DE NANOCRISTAUX DE CELLULOSE A PARTIR DE DECHETS CONTENANT DE LA CELLULOSE**
[72] SHOSEYOV, ODED, IL
[72] HEYMAN, ARNON, IL
[72] LAPIDOT, SHAUL, IL
[72] MEIROVITCH, SIGAL, IL
[72] NEVO, YUVAL, IL
[72] RIVKIN, AMIT, IL
[73] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
[85] 2013-01-28
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[25] EN
[54] **SENSOR SYSTEM AND METHOD FOR USE WITH AN AUTOMATED GUIDED VEHICLE (AGV)**
[54] **SYSTEME ET PROCEDE DE CAPTEUR A UTILISER AVEC VEHICULE A GUIDAGE AUTOMATIQUE (VGA)**
[72] COLWELL, DEAN, ALLEN, US
[73] FORI AUTOMATION, INC., US
[85] 2013-01-28
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[54] **MEDICATION DISPENSING AND CONTROL UNIT**
[54] **UNITE DE CONTROLE ET DE DISTRIBUTION DE MEDICAMENTS**
[72] SALTSOV, LEON, CA
[73] SALTSOV, LEON, CA
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[25] EN
[54] **METHOD AND CONTROL AND TRACKING SYSTEM OF THE CHARGE OF MATERIAL TRANSPORTED BY A CONTINUOUS SUPPLY CONVEYOR OF A METALLURGICAL FURNACE, PARTICULARLY AN ELECTRIC FURNACE FOR THE PRODUCTION OF STEEL**
[54] **PROCEDE ET SYSTEME DE COMMANDE ET DE SUIVI DE LA CHARGE DE MATERIAU TRANSPORTEE PAR UN TRANSPORTEUR D'ALIMENTATION EN CONTINU D'UN FOUR METALLURGIQUE, PARTICULIEREMENT UN FOUR ELECTRIQUE POUR LA PRODUCTION D'ACIER**
[72] ASSANTE, FRANCESCO ALBERTO MARIA, IT
[72] GIRELLI, RENATO, IT
[72] REALI, SILVIO MARIA, IT
[73] TENOVA S.P.A., IT
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[51] **Int.Cl. G01R 1/02 (2006.01) G01R 15/18 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MOUNTING AN OVERHEAD MONITORING DEVICE**
[54] **APPAREIL ET PROCEDE DE MONTAGE DE DISPOSITIF DE SURVEILLANCE SUSPENDU**
[72] MCBEE, BRUCE W., US
[72] HAENSGEN, GREGG JAMES, US
[72] BANTING, JOHN FREDRICK, US
[72] KOSTOLNI, WILLIAM J., US
[72] COCHRAN, BRYAN C., US
[73] COOPER TECHNOLOGIES COMPANY, US
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[86] 2011-08-09 (PCT/US2011/047015)
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[54] **APPARATUS FOR MOUNTING AN OVERHEAD MONITORING DEVICE**
[54] **APPAREIL DE MONTAGE DE DISPOSITIF DE SURVEILLANCE SUSPENDU**
[72] MCBEE, BRUCE W., US
[72] HAENSGEN, GREGG JAMES, US
[72] BANTING, JOHN FREDRICK, US
[72] KOSTOLNI, WILLIAM J., US
[72] COCHRAN, BRYAN C., US
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[25] EN
[54] **USE OF POLYESTER POLYAMINE AND POLYESTER POLYQUATERNARY AMMONIUM COMPOUNDS AS CORROSION INHIBITORS**
[54] **UTILISATION DE POLYAMINE DE POLYESTER ET DE COMPOSES D'AMMONIUM POLY-QUATERNAIRE DE POLYESTER COMME INHIBITEURS DE CORROSION**
[72] HELLBERG, PER-ERIK, SE
[72] GOROCHOVCEVA, NATALIJA, SE
[73] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2013-02-06
[86] 2011-08-26 (PCT/EP2011/064691)
[87] (WO2012/028542)
[30] US (61/378,115) 2010-08-30
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[54] **SYSTEM FOR FASTENING BRIDGE AND TEMPLES IN THE MANUFACTURE OF EYEGLASSES**
[54] **SYSTEME POUR FIXER L'ARCADE ET LES TEMPES DANS LA FABRICATION DES LUNETTES**
[72] VIGNATO, ARCADIO, IT
[73] LUXOTTICA S.R.L., IT
[85] 2013-01-17
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[25] EN
[54] **VEHICLE TRAY**
[54] **PLATEAU DE VEHICULE**
[72] HALL, JAMIE VINCENT CLARKE, AU
[73] AUSTIN ENGINEERING LTD, AU
[85] 2013-02-13
[86] 2011-08-16 (PCT/AU2011/001044)
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[25] EN
[54] **INTELLIGENT DRUG AND/OR FLUID DELIVERY SYSTEM TO OPTIMIZE MEDICAL TREATMENT OR THERAPY USING PHARMACODYNAMIC AND/OR PHARMACOKINETIC DATA**
[54] **SYSTEME INTELLIGENT D'ADMINISTRATION DE MEDICAMENT ET/OU DE FLUIDE, DESTINE A OPTIMISER UN TRAITEMENT MEDICAL OU UNE THERAPIE AU MOYEN DE DONNEES PHARMACODYNAMIQUES ET/OU PHARMACOCINETIQUES**
[72] MELKER, RICHARD J., US
[72] DENNIS, DONN M., US
[72] MELKER, JEREMY, US
[72] RICE, MARK, US
[72] HURLEY, ROBERT, US
[72] GOLD, MARK S., US
[73] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
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[25] EN
[54] **FLAME PROTECTION AGENT COMPOSITIONS CONTAINING TRIAZINE INTERCALATED METAL PHOSPHATES**
[54] **COMPOSITIONS IGNIFUGES CONTENANT UN PHOSPHATE METALLIQUE A TRIAZINE INTERCALEE**
[72] KOESTLER, HANS-GUENTER, DE
[72] DAVE, TRUPTI, DE
[72] WEHNER, WOLFGANG, DE
[73] J.M. HUBER CORPORATION, US
[85] 2013-02-15
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[25] EN
[54] **EXTRACTION OF LIQUID ELEMENTS BY ELECTROLYSIS OF OXIDES**
[54] **EXTRACTION D'UN ELEMENT LIQUIDE PAR ELECTROLYSE D'OXYDES**
[72] ALLANORE, ANTOINE, US
[72] SADOWAY, DONALD R., US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2013-02-22
[86] 2011-08-22 (PCT/US2011/001469)
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[25] EN
[54] **PROCESS FOR PRODUCING DRUG-BLOCK COPOLYMER COMPOSITE AND PHARMACEUTICAL PREPARATION CONTAINING SAME**
[54] **PROCEDE DE PRODUCTION D'UN COMPOSITE MEDICAMENT-COPOLYMERE SEQUENCE ET PRODUIT PHARMACEUTIQUE CONTENANT LEDIT COMPOSITE**
[72] MOTOYAMA, JUN, JP
[73] NIPPON KAYAKU KABUSHIKI KAISHA, JP
[85] 2013-02-28
[86] 2011-08-31 (PCT/JP2011/069709)
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[25] EN
[54] **COOLING MODULE AND METHOD FOR THE MANUFACTURE OF A COOLING MODULE**
[54] **MODULE DE REFROIDISSEMENT ET PROCEDE DE FABRICATION D'UN MODULE DE REFROIDISSEMENT**
[72] VON BORCK, FELIX, DE
[72] EBERLEH, BJOERN, DE
[73] AKASOL GMBH, DE
[85] 2013-03-01
[86] 2011-08-30 (PCT/EP2011/004361)
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[51] **Int.Cl. H04B 7/0417 (2017.01) H04B 7/0452 (2017.01)**
[25] EN
[54] **SOUNDING FEEDBACK SCHEMES FOR VERY HIGH THROUGHPUT WIRELESS SYSTEMS**
[54] **METHODES DE RETROACTION DE SONDAGE POUR DES SYSTEMES SANS FIL A TRES HAUT DEBIT**
[72] VERMANI, SAMEER, US
[72] TANDRA, RAHUL, US
[72] VAN ZELST, ALBERT, US
[72] VAN NEE, DIDIER JOHANNES RICHARD, US
[72] SAMPATH, HEMANTH, US
[72] JONES, VINCENT KNOWLES, IV, US
[73] QUALCOMM INCORPORATED, US
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[25] EN
[54] **DATA COLLECTION SYSTEM**
[54] **SYSTEME DE COLLECTE DE DONNEES**
[72] MORAN, PADRAIC, IE
[72] MCGUIRE, JOHN, IE
[72] HUNT, BILL, IE
[73] ACTIVE MIND TECHNOLOGY R&D LIMITED, IE
[85] 2013-03-05
[86] 2011-07-29 (PCT/EP2011/063074)
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[30] IE (S2010/0486) 2010-08-05
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[54] **MACHINE ET PROCEDE D'ELIMINATION DE POILS**
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[73] LIFECELL CORPORATION, US
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[54] **DISPOSITIF D'ADMINISTRATION D'AEROSOL**
[72] FINLAY, BRYAN, CA
[72] NUTTALL, MICHAEL, CA
[72] COULTES, BRANDON, CA
[72] NAGEL, MARK, CA
[72] PICKARD, MARK, CA
[73] TRUDELL MEDICAL INTERNATIONAL, CA
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[54] **VUE DE TRANSITION SUR UN DISPOSITIF ELECTRONIQUE PORTABLE**
[72] LAZARIDIS, MIHAL, CA
[72] DODGE, DANNY THOMAS, CA
[73] 2236008 ONTARIO INC., CA
[73] BLACKBERRY LIMITED, CA
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[54] **SYSTEME DE MATELAS EN GEL ELASTIQUE A PLUSIEURS PAROIS**
[72] FLICK, ROLAND E., US
[72] JUSIAK, JOEL T., US
[73] STRYKER CORPORATION, US
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[54] **TESTS DE SENSIBILITE DE FICHIER**
[72] SENNEWALD, RAY, US
[72] TRETIKOV, LILA, US
[72] ZHOU, RAN, US
[73] SUGARCRM INC., US
[86] (2811617)
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[54] **CANISTER FILTER SYSTEM WITH DRAIN THAT COOPERATES WITH FILTER ELEMENT**
[54] **SYSTEME DE FILTRE A CARTOUCHE MUNI D'UN DRAIN COOPERANT AVEC L'ELEMENT FILTRANT**
[72] ALLOTT, MARK T., US
[72] OFORI-AMOAH, DAVID, US
[72] SALVADOR, CHRISTOPHER J., US
[72] HEIBENTHAL, RANDALL W., US
[72] DEEDRICH, DENNIS M., US
[72] HARDER, DAVID B., US
[72] HACKER, JOHN R., US
[72] EISENMENGER, RICHARD J., US
[73] CATERPILLAR INC., US
[73] ADVANCED FILTRATION SYSTEMS, INC., US
[73] DONALDSON COMPANY, INC., US
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[54] **PROSTHETIC AND ORTHOTIC DEVICES AND METHODS AND SYSTEMS FOR CONTROLLING THE SAME**
[54] **DISPOSITIFS PROSTHETIQUES ET ORTHETIQUES ET PROCEDES ET SYSTEMES POUR COMMANDER CEUX-CI**
[72] LANGLOIS, DAVID, CA
[72] RITTENHOUSE, MATHESON, CA
[72] ROY, YVES, CA
[73] OSSUR HF, IS
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[54] **UNDULATORY STRUCTURES**
[54] **STRUCTURES ONDULATOIRES**
[72] BENJAMIN, ZACHARIAH, AU
[72] SMITH, COLIN ROBERT, AU
[73] TECHTONIC PTY LTD, AU
[85] 2013-03-21
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[25] EN
[54] **METHOD FOR PREPARATION OF AN AQUEOUS GLYPHOSATE CONCENTRATE COMPOSITION HAVING MIXTURE OF AMINE SALTS**
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION DE CONCENTRE AQUEUX DE GLYPHOSATE AYANT UN MELANGE DE SELS D'AMINES**
[72] SPENCER, ALLAN, AU
[72] PANAYI, ARISTOS, AU
[72] SAYER, CHAD RICHARD ORD, AU
[73] NUFARM AUSTRALIA LIMITED, AU
[85] 2013-03-28
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[54] **METHOD FOR PREPARATION OF AN AQUEOUS GLYPHOSATE CONCENTRATE**
[54] **PROCEDE DE PREPARATION D'UN CONCENTRE AQUEUX DE GLYPHOSATE**
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[72] PANAYI, ARISTOS, AU
[72] SAYER, CHAD RICHARD ORD, AU
[73] NUFARM AUSTRALIA LIMITED, AU
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[54] **COMPACTION OF ELECTRICAL INSULATION FOR JOINING INSULATED CONDUCTORS**
[54] **COMPACTAGE D'ISOLATION ELECTRIQUE POUR JONCTION DE CONDUCTEURS ISOLES**
[72] HARTFORD, CARRIE ELIZABETH, US
[72] MORGAN, DAVID STUART, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-04-03
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[54] **LENTILLES DE CONTACT AJUSTABLES REMPLIES DE FLUIDE**
[72] EGAN, WILLIAM, US
[72] NIBAUER, LISA, US
[73] ADLENS BEACON, INC., US
[85] 2013-04-05
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[25] EN
[54] **DISTRIBUTED FLUID VELOCITY SENSOR AND ASSOCIATED METHOD**
[54] **CAPTEUR DE LA VITESSE REPARTIE D'UN FLUIDE ET PROCEDE ASSOCIE**
[72] SHANKS, DAVID SIRDA, GB
[73] ZENITH OILFIELD TECHNOLOGY LIMITED, GB
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[54] **VALIDATION ET INVALIDATION DYNAMIQUES DE WRITE XFR_RDY**
[72] KLEIN, STEVEN EDWARD, US
[72] SHERMAN, DANIEL WAYNE, US
[72] KALOS, MATTHEW JOSEPH, US
[72] DANG, DUNG NGOC, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **LIQUID COOLED DATA CENTER WITH COOLANT SUPPLY LINES**
[54] **CENTRE DE DONNEES REFROIDI PAR LIQUIDE COMPRENANT DES CONDUITES D'ARRIVEE D'AGENT REFRIGERANT**
[72] SCHMIDT, ROGER, US
[72] IYENGAR, MADHUSUDAN, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **POMPE A BALANCIER DESTINEE A UNE TETE DE PUITS INCLINEE**
[72] SIMPSON, RODDY W., US
[72] DOYLE, DAVID W., US
[72] MORALES, MARTIN E., US
[72] ROMANO, BRANDY D., US
[73] LUFKIN INDUSTRIES, LLC, US
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[54] **PROCEDE ET SYSTEME DE CONVERSION D'IMAGES PLANES DE ZONE PRIVEE EN LEURS COORDONNEES DE PANORAMIQUE ET D'INCLINAISON CORRESPONDANTES**
[72] BARCALA, SERGIO, US
[73] SENSORMATIC ELECTRONICS, LLC, US
[85] 2013-04-18
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[54] **NUCLEAR FUEL CONTAINING A NEUTRON ABSORBER**
[54] **COMBUSTIBLE NUCLEAIRE CONTENANT UN ABSORBANT DE NEUTRONS**
[72] BOUBCHER, MUSTAPHA, CA
[72] KURAN, SERMET, CA
[72] COTTRELL, CATHY, CA
[72] BODNER, ROBERT R., CA
[73] ATOMIC ENERGY OF CANADA LIMITED, CA
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[54] **METHOD AND SYSTEM FOR ENTRAPPING PRESSURIZED GAS IN POWDERED FOOD OR BEVERAGE PRODUCTS**
[54] **PROCEDE ET SYSTEME D'EMPRISONNEMENT DE GAZ SOUS PRESSION DANS DES PRODUITS ALIMENTAIRES ET DES BOISSONS EN POUDRE**
[72] COLMERAUER, AARON R., US
[72] ARORA, VIJAY K., US
[72] FOUNTAIN, GERALD O., US
[72] OXFORD, PHILIP JAMES, US
[72] ZELLER, BARY LYN, US
[72] TUREK, EVAN J. (DECEASED), US
[73] INTERCONTINENTAL GREAT BRANDS LLC, US
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[54] **APPAREIL A TAMIS DE REPECHAGE ET PROCEDE ASSOCIE**
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[72] BEYNON, DOUGLAS A., US
[73] MASHBURN, BENNY DONALD, US
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[72] GU, HONGPING, CA
[72] SHULKIN, BORIS, US
[72] YIN, GUOBIN, CA
[73] MAGNA INTERNATIONAL INC., CA
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[54] **AQUEOUS STARCH CONTAINING POLYMER DISPERSION FOR PAPER APPLICATIONS**
[54] **DISPERSION AQUEUSE D'UN POLYMERE CONTENANT DE L'AMIDON POUR APPLICATIONS EN PAPETERIE**
[72] KRUCKEL, RALF, DE
[72] WERNER, MARTIN, DE
[73] KEMIRA OYJ, FI
[85] 2013-05-31
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[72] MOREAU, ANDRE W., US
[73] TY-FLOT, INC., US
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[54] **PARTICULATE MATERIALS, COMPOSITES COMPRISING THEM, PREPARATION AND USES THEREOF**
[54] **MATERIAUX PARTICULAIRES, COMPOSITES LES COMPRENANT, PREPARATION ET UTILISATIONS DE CEUX-CI**
[72] WALTERS, IAN, GB
[72] WILLIAMS, MARTIN, GB
[73] HAYDALE GRAPHENE INDUSTRIES PLC, GB
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[54] **MEDICATION CASSETTE AND DISPENSING TRACKING APPARATUS**
[54] **CASSETTE POUR MEDICAMENT ET APPAREIL DE SUIVI DE LA DISTRIBUTION**
[72] SALTSOV, LEON, CA
[73] SALTSOV, LEON, CA
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[54] **SELF POWERED SERIAL-TO-SERIAL OR USB-TO-SERIAL CABLE WITH LOOPBACK AND ISOLATION**
[54] **CABLE D'AUTO-ALIMENTATION SERIE-SERIE OU USB-SERIE AVEC REBOUCLAGE ET ISOLATION**
[72] GISLER, SCOTT, US
[72] ARNDT, DAVE, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **SYSTEMS AND METHODS FOR CARRYING OUT UNINTERRUPTED GAMES ALLOWING TEMPORARY INACTIVATION**
[54] **SYSTEMES ET METHODES POUR EXECUTER DES PARTIES ININTERROMPUES PERMETTANT UNE INACTIVATION TEMPORAIRE**
[72] FROY, DAVID, CA
[72] BABIN, PETER, CA
[72] GADHER, BHARAT, CA
[72] IDRIS, FAYEZ, CA
[72] PLESKONJIC, DRAGAN, RS
[72] POST, PETER, AT
[72] MCINTYRE, ANDREW, CA
[73] IGT CANADA SOLUTIONS ULC, CA
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[87] (2820816)
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[30] US (13/861,282) 2013-04-11
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[30] US (13/861,264) 2013-04-11
[30] US (13/861,261) 2013-04-11
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[54] **BRIDGE SPRING CENTERING DEVICE FOR SQUEEZE FILM DAMPERS**
[54] **DISPOSITIF DE CENTRAGE DE RESSORT DE TYPE PONT POUR DES AMORTISSEURS A FILM COMPRIME**
[72] NICHOLAS, JOHN C., US
[72] SHOUP, THOMAS P., US
[72] ROCKEFELLER, DONALD H., US
[73] LUFKIN INDUSTRIES, LLC, US
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[54] **GRIPPER ATTACHMENT**
[54] **FIXATION A PINCE**
[72] CORLETT, RICK, US
[72] CHIN, MIKE, US
[72] WIETING, DEAN A., US
[73] REXNORD INDUSTRIES, LLC, US
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[54] **METHODS AND APPARATUS FOR SEALING VARIABLE AREA FAN NOZZLES OF JET ENGINES**
[54] **PROCEDES ET APPAREILS POUR ETANCHEIFIER DES TUYERES DE SOUFFLANTE A SECTION VARIABLE DE MOTEURS A REACTION**
[72] BAKKEN, DAVID ALAN, US
[73] THE BOEING COMPANY, US
[86] (2822240)
[87] (2822240)
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[25] EN
[54] **METHOD FOR IMPROVING THE TRACKING OF A DATA TRANSMISSION SIGNAL OF A SATELLITE NAVIGATION SYSTEM**
[54] **PROCEDE D'AMELIORATION DE LA POURSUITE D'UN SIGNAL DE TRANSMISSION DE DONNEES D'UN SYSTEME DE NAVIGATION PAR SATELLITES.**
[72] DAMIDAUX, JEAN-LOUIS, FR
[73] THALES, FR
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[54] **PROCEDE ET DISPOSITIF D'ALIMENTATION EN LUBRIFIANT**
[72] AUGROS, PHILIPPE ALAIN FRANCOIS, FR
[73] TURBOMECA, FR
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[25] EN
[54] **ONE-HIT TOOLING FOR FLUSH MOUNTED ROTATABLE CAPTIVE NUT**
[54] **OUTILLAGE A FRAPPE UNIQUE POUR ECROU CAPTIF ROTATIF, MONTE AFFLEURANT**
[72] COOKE, ANDREW JOHN, IE
[73] PEM MANAGEMENT, INC., US
[85] 2013-07-10
[86] 2012-01-13 (PCT/US2012/021178)
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[25] FR
[54] **CONTROL DEVICE AND ELECTRONIC DEVICE COMPRISING SAME**
[54] **DISPOSITIF DE COMMANDE ET DISPOSITIF ELECTRONIQUE LE COMPORTANT**
[72] PHILIPPE, SEBASTIEN, FR
[73] NEXYS, FR
[85] 2013-07-11
[86] 2011-01-20 (PCT/FR2011/050109)
[87] (WO2011/089363)
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[25] EN
[54] **MODIFIED DISODIUM DIHYDROGEN DIPHOSPHATE**
[54] **DIHYDROGENODIPHOSPHATE DE DISODIUM MODIFIE**
[72] BOUCHAIN, WOLFGANG, DE
[73] CHEMISCHE FABRIK BUDENHEIM KG, DE
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[51] **Int.Cl. A61M 1/34 (2006.01) B01D 61/00 (2006.01)**
[25] EN
[54] **METHOD FOR WASHING BIOLOGICAL CELLS**
[54] **METHODE DE LAVAGE DE CELLULES BIOLOGIQUES**
[72] WEGENER, CHRISTOPHER J., US
[72] MIN, KYUNGYOON, US
[72] FORCIOLI, LAURENT, US
[72] BRIERTON, MARK J., US
[72] BOGGS, DANIEL R., US
[73] FENWAL, INC., US
[85] 2013-07-26
[86] 2012-03-09 (PCT/US2012/028522)
[87] (WO2012/125470)
[30] US (61/451,903) 2011-03-11
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[25] EN
[54] **MEMBRANE SEPARATION DEVICES, SYSTEMS AND METHODS EMPLOYING SAME, AND DATA MANAGEMENT SYSTEMS AND METHODS**
[54] **DISPOSITIFS DE SEPARATION A MEMBRANE, SYSTEMES ET PROCEDES UTILISANT CEUX-CI, ET SYSTEMES ET PROCEDES DE GESTION DE DONNEES**
[72] BOGGS, DANIEL R., US
[72] BRIERTON, MARK J., US
[72] KUSTERS, BENJAMIN E., US
[72] MIN, KYUNGYOON, US
[72] WEGENER, CHRISTOPHER J., US
[73] FENWAL, INC., US
[85] 2013-07-26
[86] 2012-03-09 (PCT/US2012/028492)
[87] (WO2012/125457)
[30] US (61/451,903) 2011-03-11
[30] US (61/537,856) 2011-09-22
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[25] EN
[54] **C-17 AND C-3 MODIFIED TRITERPENOIDS WITH HIV MATURATION INHIBITORY ACTIVITY**
[54] **TRITERPENOIDES MODIFIES EN C-17 ET C-3 PRESENTANT UNE ACTIVITE INHIBITRICE DE LA MATURATION DU VIH**
[72] REGUEIRO-REN, ALICIA, US
[72] LIU, ZHENG, US
[72] SWIDORSKI, JACOB, US
[72] SIN, NY, US
[72] VENABLES, BRIAN LEE, US
[72] SIT, SING-YUEN, US
[72] CHEN, YAN, US
[72] CHEN, JIE, US
[72] MEANWELL, NICHOLAS A., US
[73] VIIV HEALTHCARE UK (NO.4) LIMITED, GB
[85] 2013-07-30
[86] 2012-01-27 (PCT/US2012/022852)
[87] (WO2012/106190)
[30] US (61/437,893) 2011-01-31

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[25] EN
[54] **METHODS OF MAKING HIV ATTACHMENT INHIBITOR PRODRUG COMPOUND AND INTERMEDIATES**
[54] **PROCEDES DE FABRICATION DE COMPOSE PROMEDICAMENT INHIBITEUR DE LA FIXATION DU VIH ET DE SES INTERMEDIAIRES**
[72] TRIPP, JONATHAN CLIVE, US
[72] FANFAIR, DAYNE DUSTAN, US
[72] SCHULTZ, MITCHELL J., US
[72] MURUGESAN, SARAVANABABU, US
[72] FOX, RICHARD J., US
[72] CHEN, CHUNG-PIN H., US
[72] IVY, SABRINA E., US
[72] PAYACK, JOSEPH FRANCIS, US
[72] DOUBLEDAY, WENDEL W., US
[73] VIIV HEALTHCARE UK (NO.4) LIMITED, GB
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[25] EN
[54] **HYDRAULIC SYSTEM AND METHOD FOR A HYBRID VEHICLE**
[54] **PROCEDE ET SYSTEME HYDRAULIQUE POUR UN VEHICULE HYBRIDE**
[72] LONG, CHARLES F., US
[72] TAYLOR, CHARLES T., US
[73] ALLISON TRANSMISSION, INC., US
[85] 2013-08-15
[86] 2012-02-16 (PCT/US2012/025451)
[87] (WO2012/112778)
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[51] **Int.Cl. A61B 5/151 (2006.01) A61B 5/157 (2006.01)**
[25] EN
[54] **SLEEVE FOR REMOVABLE LANCET OF LANCING DEVICE**
[54] **MANCHON POUR LANCETTE AMOVIBLE D'AUTOPIQUEUR**
[72] MONDRO, JASON, US
[72] HORNE, KANDE, US
[72] VARGHESE, SOPHIA, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2013-09-04
[86] 2011-03-09 (PCT/US2011/000438)
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[25] EN
[54] **METHOD AND SYSTEM FOR MEASURING ANATOMICAL DIMENSIONS FROM A DIGITAL PHOTOGRAPH ON A MOBILE DEVICE**
[54] **PROCEDE ET SYSTEME POUR MESURER DES DIMENSIONS ANATOMIQUES A PARTIR D'UNE PHOTOGRAPHIE NUMERIQUE SUR UN APPAREIL MOBILE**
[72] FERRANTELLI, JOSEPH R., US
[73] FERRANTELLI, JOSEPH R., US
[86] (2829409)
[87] (2829409)
[22] 2013-10-03
[30] US (61/709,227) 2012-10-03
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[51] **Int.Cl. H04N 19/13 (2014.01) H04N 19/103 (2014.01) H04N 19/14 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **IMAGE DECODING METHOD, IMAGE CODING METHOD, IMAGE DECODING APPARATUS, IMAGE CODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE DECODAGE D'IMAGE, PROCEDE DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**
[72] SASAI, HISAO, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[72] TANIKAWA, KYOKO, JP
[72] MATSUNOBU, TORU, JP
[73] SUN PATENT TRUST, US
[85] 2013-09-12
[86] 2012-06-22 (PCT/JP2012/004047)
[87] (WO2012/176464)
[30] US (61/500,733) 2011-06-24

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[25] EN
[54] **STRETCH FILM LAMINATION ADHESIVE**
[54] **ADHESIF DE STRATIFICATION DE FILM ETIRABLE**
[72] DEJESUS, M. CRISTINA B., US
[72] HU, YUHONG, US
[72] XENIDOU, MARIA, DE
[73] HENKEL IP & HOLDING GMBH, DE
[85] 2013-09-18
[86] 2012-03-23 (PCT/US2012/030313)
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[30] US (61/467,059) 2011-03-24

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[13] C
[51] **Int.Cl. A61K 31/4164 (2006.01) A61K 31/35 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING MACULAR DEGENERATION**
[54] **COMPOSITION PHARMACEUTIQUE POUR LA PREVENTION OU LE TRAITEMENT DE LA DEGENERESCENCE MACULAIRE**
[72] YI, KYU-YANG, KR
[72] YOO, SUNG-EUN, KR
[72] KIM, NACK-JEONG, KR
[72] SUH, JEE-HEE, KR
[72] JOO, CHOUN-KI, KR
[72] CHOI, JUN-SUB, KR
[72] YANG, JAE-SIK, KR
[72] LEE, GEUN-HYEOG, KR
[72] CHO, YUN-SEOK, KR
[72] PARK, JIN-HA, KR
[72] LEE, HYE-SUNG, KR
[73] KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, KR
[73] CATHOLIC UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION, KR
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[30] KR (10-2011-0028946) 2011-03-30

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[51] **Int.Cl. E04H 4/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING WAVES IN MULTIPLE DIRECTIONS**
[54] **SYSTEME ET PROCEDE POUR PRODUIRE DES VAGUES DANS DES DIRECTIONS MULTIPLES**
[72] OSTERMAN, ROSS ALAN, US
[72] SCHWARTZ, JUSTIN MICHAEL, US
[73] UNIVERSAL CITY STUDIOS LLC, US
[85] 2013-09-27
[86] 2012-03-29 (PCT/US2012/031266)
[87] (WO2012/138546)
[30] US (13/083,259) 2011-04-08

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[25] EN
[54] **WET SCRUBBER WITH A COMPACT DEMISTER THAT REQUIRES LESS ENERGY**
[54] **EPURATEUR PAR VOIE HUMIDE COMPORTANT UN SEPARATEUR DE GOUTTES A CONSOMMATION D'ENERGIE REDUITE**
[72] BOTH, REINHOLD, DE
[72] HAUBOLD, CHRISTIAN, DE
[73] CFT GMBH COMPACT FILTER TECHNIC, DE
[85] 2013-10-01
[86] 2012-02-09 (PCT/DE2012/000127)
[87] (WO2012/136177)
[30] DE (10 2011 016 289.5) 2011-04-07

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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **DOWNHOLE PRESSURE PULSE AND PRESSURIZED CHEMICAL TREATMENT FOR SAGD STARTUP**
[54] **IMPULSION DE PRESSION DE FOND DE PUITS ET TRAITEMENT CHIMIQUE SOUS PRESSION POUR LE DEMARRAGE D'OPERATIONS DE DRAINAGE PAR GRAVITE AU MOYEN DE VAPEUR**
[72] NABHAN, ADEL, CA
[72] DE HAAS, THOMAS W., CA
[72] CHALIER, GILLES, CA
[73] SUNCOR ENERGY INC., CA
[86] (2832626)
[87] (2832626)
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[25] EN
[54] **IMAGE ENCODING DEVICE, IMAGE DECODING DEVICE, IMAGE ENCODING METHOD, IMAGE DECODING METHOD, AND IMAGE PREDICTION DEVICE**
[54] **APPAREIL DE CODAGE D'IMAGES EN MOUVEMENT, APPAREIL DE DECODAGE D'IMAGES EN MOUVEMENT, PROCEDE DE CODAGE D'IMAGES EN MOUVEMENT ET PROCEDE DE DECODAGE D'IMAGES EN MOUVEMENT**
[72] MINEZAWA, AKIRA, JP
[72] SUGIMOTO, KAZUO, JP
[72] SEKIGUCHI, SHUNICHI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2013-10-21
[86] 2012-05-30 (PCT/JP2012/003555)
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[30] JP (2011-140598) 2011-06-24
[30] JP (2012-009115) 2012-01-19

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[25] EN
[54] **METHOD FOR UTILIZING EXTRACTION RESIDUE OF YEAST EXTRACT**
[54] **PROCEDE D'UTILISATION DE RESIDUS D'EXTRACTION D'UN EXTRAIT DE LEVURE**
[72] SATO, TOSHIYA, JP
[72] NAKAGAWA, TOMOHIRO, JP
[72] KAJI, NAOTO, JP
[73] KOHJIN LIFE SCIENCES CO., LTD., JP
[85] 2013-10-25
[86] 2012-04-24 (PCT/JP2012/060948)
[87] (WO2012/150683)
[30] JP (2011-102895) 2011-05-02
[30] JP (2012-087010) 2012-04-06

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[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] EN
[54] **CONTINUOUS LOW IRRADIANCE PHOTODYNAMIC THERAPY ILLUMINATION SYSTEM**
[54] **SYSTEME D'ECLAIRAGE POUR THERAPIE PHOTODYNAMIQUE PAR IRRADIATION CONTINUE A FAIBLE DOSE**
[72] ROGERS, GARY S., US
[72] HILL, SAMUEL L., US
[72] DOWLING, THOMAS A., US
[73] ROGERS SCIENCES, INC., US
[85] 2013-11-25
[86] 2012-05-24 (PCT/US2012/039347)
[87] (WO2012/162503)
[30] US (61/490,159) 2011-05-26

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[51] **Int.Cl. H04N 19/21 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **IMAGE DECODING METHOD, IMAGE CODING METHOD, IMAGE DECODING APPARATUS, IMAGE CODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE DECODAGE D'IMAGE, PROCEDE DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**
[72] SASAI, HISAO, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[72] TANIKAWA, KYOKO, JP
[72] MATSUNOBU, TORU, JP
[73] SUN PATENT TRUST, US
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[86] 2012-06-22 (PCT/JP2012/004061)
[87] (WO2013/001765)
[30] US (61/501,954) 2011-06-28

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[13] C
[51] **Int.Cl. A61J 1/20 (2006.01)**
[25] FR
[54] **DEVICE FOR CONNECTION BETWEEN A RECIPIENT AND A CONTAINER AND METHOD FOR ASSEMBLING AND USING SUCH A DEVICE**
[54] **DISPOSITIF DE CONNEXION ENTRE UN RECIPIENT ET UN CONTENANT, PROCEDE D'ASSEMBLAGE ET D'UTILISATION D'UN TEL DISPOSITIF**
[72] ANEAS, ANTOINE, FR
[73] BIOCORP PRODUCTION, FR
[85] 2013-11-29
[86] 2012-06-05 (PCT/EP2012/060591)
[87] (WO2012/168235)
[30] FR (11 54884) 2011-06-06

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[13] C
[51] **Int.Cl. E21B 4/00 (2006.01) B21D 39/03 (2006.01) E21B 4/02 (2006.01) E21B 17/10 (2006.01) F16C 19/30 (2006.01)**
[25] EN
[54] **HOUSING, MANDREL AND BEARING ASSEMBLY FOR DOWNHOLE DRILLING MOTOR**
[54] **ENSEMBLE CARTER, MANDRIN ET PALIER POUR MOTEUR DE FOND DE TROU**
[72] LEBLANC, RANDALL C., US
[72] LEBLANC, CARL S., US
[73] COILED TUBING RENTAL TOOLS, INC., US
[85] 2013-12-06
[86] 2012-05-15 (PCT/US2012/037976)
[87] (WO2012/177339)
[30] US (13/166,080) 2011-06-22

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[51] **Int.Cl. C07C 231/02 (2006.01) C07C 233/18 (2006.01) C07C 233/20 (2006.01) C07C 233/47 (2006.01) C07C 233/49 (2006.01) C07C 303/22 (2006.01) C07C 309/15 (2006.01)**
[25] EN
[54] **GENERAL METHOD FOR PREPARING FATTY ACYL AMIDO BASED SURFACTANTS**
[54] **PROCEDE GENERAL DE PREPARATION DE TENSIOACTIFS A BASE D'ACYLAMIDES GRAS**
[72] HARICHIAN, BIJAN, US
[72] AU, VAN, US
[72] AHTCHI-ALI, BADREDDINE, US
[72] WINTERS, JOHN ROBERT, US
[72] DIVONE, PETER ANTHONY, US
[73] UNILEVER PLC, GB
[85] 2013-12-11
[86] 2012-07-27 (PCT/EP2012/064771)
[87] (WO2013/014267)
[30] US (13/192,490) 2011-07-28
[30] US (13/343,727) 2012-01-05

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[13] C
[51] **Int.Cl. H01M 2/16 (2006.01) H01M 4/13 (2010.01) H01M 4/139 (2010.01) H01M 10/052 (2010.01) H01M 10/0585 (2010.01) H01M 4/04 (2006.01) H01M 4/62 (2006.01) H01M 4/74 (2006.01) H01M 10/04 (2006.01)**
[25] EN
[54] **LITHIUM ACCUMULATOR**
[54] **ACCUMULATEUR AU LITHIUM**
[72] PROCHAZKA, JAN, JR., CZ
[72] POLIVKA, JAROSLAV, CZ
[72] POSTLER, JIRI, CZ
[73] HE3DA S.R.O., CZ
[85] 2013-12-27
[86] 2012-06-26 (PCT/IB2012/053231)
[87] (WO2013/005135)
[30] CZ (PV 2011-405) 2011-07-01

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[13] C
[51] **Int.Cl. G01N 33/564 (2006.01)**
[25] EN
[54] **METHOD FOR INCREASING SPECIFICITY OF DIAGNOSTIC TESTS FOR AUTOIMMUNE DISEASES**
[54] **PROCEDE D'AUGMENTATION DE LA SPECIFICITE D'ESSAIS DE DIAGNOSTIC POUR DES MALADIES AUTO-IMMUNES**
[72] MAHLER, MICHAEL, DE
[73] INOVA DIAGNOSTICS, INC., US
[85] 2013-12-27
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[51] **Int.Cl. A61B 17/34 (2006.01) A61F 2/02 (2006.01) A61L 27/50 (2006.01) A61L 27/56 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DELIVERING GRAFTS**
[54] **DISPOSITIF ET PROCEDE DE DISTRIBUTION DE GREFFES**
[72] PARK, DAVID D., US
[72] DELEGGE, REBECCA COPENHAVER, US
[72] HANCOCK, ASHLEY, US
[73] PARK SURGICAL INNOVATIONS, LLC, US
[85] 2013-12-30
[86] 2012-06-21 (PCT/US2012/043476)
[87] (WO2013/006279)
[30] US (61/571,857) 2011-07-07
[30] US (61/573,587) 2011-09-08
[30] US (61/550,600) 2011-10-24
[30] US (61/563,321) 2011-11-23
[30] US (13/363,460) 2012-02-01
[30] US (13/465,224) 2012-05-07

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[13] C
[51] **Int.Cl. H04W 28/06 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR LOW-OVERHEAD WIRELESS BEACONS HAVING COMPRESSED NETWORK IDENTIFIERS**
[54] **SYSTEMES ET PROCEDES POUR BALISES SANS FIL A FAIBLE SURDEBIT AYANT DES IDENTIFICATEURS DE RESEAU COMPRESSES**
[72] ABRAHAM, SANTOSH PAUL, US
[72] FREDERIKS, GUIDO ROBERT, US
[72] MERLIN, SIMONE, US
[72] WENTINK, MAARTEN MENZO, US
[73] QUALCOMM INCORPORATED, US
[85] 2013-12-31
[86] 2012-07-10 (PCT/US2012/046104)
[87] (WO2013/009771)
[30] US (61/506,136) 2011-07-10
[30] US (61/531,522) 2011-09-06
[30] US (61/549,638) 2011-10-20
[30] US (61/568,075) 2011-12-07
[30] US (61/578,027) 2011-12-20
[30] US (61/583,890) 2012-01-06
[30] US (61/584,174) 2012-01-06
[30] US (61/585,044) 2012-01-10
[30] US (61/596,106) 2012-02-07
[30] US (61/596,775) 2012-02-09
[30] US (61/606,175) 2012-03-02
[30] US (61/618,966) 2012-04-02
[30] US (61/620,869) 2012-04-05
[30] US (13/544,896) 2012-07-09

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[13] C
[51] **Int.Cl. A61K 35/12 (2015.01) A61K 9/14 (2006.01) A61K 35/28 (2015.01) A61P 37/06 (2006.01)**
[25] EN
[54] **MICROVESICLES ISOLATED FROM MESENCHYMAL STEM CELLS FOR USE AS IMMUNOSUPPRESSIVE AGENTS**
[54] **MICROVESICULES ISOLEES DE CELLULES SOUCHES MESENCHYMATEUSES DESTINEES A ETRE UTILISEES COMME AGENTS IMMUNOSUPPRESSEURS**
[72] MURACA, MAURIZIO, IT
[72] FIERABRACCI, ALESSANDRA, IT
[73] CRYO-SAVE AG, CH
[85] 2014-01-17
[86] 2012-07-26 (PCT/IT2012/000232)
[87] (WO2013/014691)
[30] IT (RM2011A000403) 2011-07-28

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[51] **Int.Cl. C21C 7/04 (2006.01) C22B 7/00 (2006.01) C22B 21/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION AND THE PURIFICATION OF MOLTEN CALCIUM ALUMINATE USING CONTAMINATED ALUMINUM DROSS RESIDUE**
[54] **PROCEDE DE PRODUCTION ET DE PURIFICATION D'UN ALUMINATE DE CALCIUM FONDUUTILISANT DES CRASSES D'ALUMINIUM CONTAMINEES**
[72] DUBE, GHYSLAIN, CA
[73] 9255-8444 QUEBEC INC. DBA METKEM INNOVATION, CA
[86] (2842587)
[87] (2842587)
[22] 2014-02-11
[30] US (61/763,532) 2013-02-12

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[51] **Int.Cl. H04N 19/13 (2014.01) H04N 19/176 (2014.01) H04N 19/184 (2014.01) H04N 19/91 (2014.01)**
[25] EN
[54] **IMAGE DECODING METHOD, IMAGE CODING METHOD, IMAGE DECODING APPARATUS, IMAGE CODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE DECODAGE D'IMAGE, PROCEDE DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**
[72] SASAI, HISAO, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[72] TANIKAWA, KYOKO, JP
[72] MATSUNOBU, TORU, JP
[73] SUN PATENT TRUST, US
[85] 2013-11-27
[86] 2012-06-22 (PCT/JP2012/004060)
[87] (WO2013/001764)
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[51] **Int.Cl. B23K 11/00 (2006.01) B23K 11/11 (2006.01) B23P 6/00 (2006.01)**
[25] EN
[54] **RESISTANCE WELD REPAIRING OF CASING FLANGE HOLES**
[54] **REPARATION PAR SOUDAGE PAR RESISTANCE DE TROUS DE BRIDE DE CARTER**
[72] TRAPP, TIMOTHY JOSEPH, US
[72] FIRESTONE, GREGORY CHRISTOPHER, US
[72] DIGHE, MANISH, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-01-24
[86] 2012-07-27 (PCT/US2012/048501)
[87] (WO2013/022613)
[30] US (13/204,084) 2011-08-05

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[13] C
[51] **Int.Cl. A61F 2/38 (2006.01)**
[25] EN
[54] **TEMPORARY MODULAR SPACER DEVICE FOR JOINTS OF THE HUMAN BODY**
[54] **DISPOSITIF ECARTEUR MODULAIRE TEMPORAIRE POUR LES ARTICULATIONS DU CORPS HUMAIN**
[72] SOFFIATTI, RENZO, IT
[72] FACCIOLI, GIOVANNI, IT
[73] TECRES S.P.A., IT
[85] 2014-01-31
[86] 2011-09-19 (PCT/IB2011/054093)
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[51] **Int.Cl. G01N 21/77 (2006.01) G01N 33/487 (2006.01)**
[25] EN
[54] **TEST TAPE CASSETTE AND ANALYTICAL TEST TAPE THEREFOR**
[54] **CASSETTE DE BANDE DE TEST ET SA BANDE DE TEST ANALYTIQUE**
[72] DREIBHOLZ, JOERG, DE
[72] FREITAG, CHRISTIAN, DE
[72] JAECK, THOMAS, DE
[72] PACHL, RUDOLF, DE
[72] SCHMIDTCHEN, ELKE, DE
[72] KETH, INGRID, DE
[72] SCHWOEBEL, WOLFGANG, DE
[72] SEELIG, PETER, DE
[73] F.HOFFMANN-LA ROCHE AG, CH
[85] 2014-02-12
[86] 2012-09-14 (PCT/EP2012/068145)
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[51] **Int.Cl. H01M 8/04225 (2016.01) H01M 8/04302 (2016.01) H01M 8/04537 (2016.01) H01M 8/04992 (2016.01) H02J 13/00 (2006.01)**
[25] EN
[54] **POWER GENERATION CHARACTERISTIC ESTIMATION DEVICE FOR FUEL CELL**
[54] **DISPOSITIF D'ESTIMATION DE CARACTERISTIQUES DE PRODUCTION D'ENERGIE D'UNE PILE A COMBUSTIBLE**
[72] MATSUMOTO, MICHIHIKO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2014-02-18
[86] 2012-08-14 (PCT/JP2012/070691)
[87] (WO2013/027634)
[30] JP (2011-181540) 2011-08-23

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[51] **Int.Cl. B29C 70/46 (2006.01) B29C 33/10 (2006.01) B29C 70/48 (2006.01) B29C 70/54 (2006.01) F01D 21/04 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR MANUFACTURING A CYLINDRICAL PART FROM COMPOSITE MATERIAL**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION D'UNE PIECE CYLINDRIQUE EN MATERIAU COMPOSITE**
[72] VARIN, FRANCK BERNARD LEON, FR
[72] GODON, THIERRY, FR
[73] SNECMA, FR
[85] 2014-02-27
[86] 2012-09-05 (PCT/FR2012/051988)
[87] (WO2013/034852)
[30] FR (1157858) 2011-09-05

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[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM TO MAINTAIN STRONG CONSISTENCY OF DISTRIBUTED REPLICATED CONTENTS IN A CLIENT/SERVER SYSTEM**
[54] **PROCEDE ET SYSTEME DE MAINTIEN D'UNE FORTE COHERENCE DE CONTENUS DUPLIQUES DISTRIBUES DANS UN SYSTEME CLIENT/SERVEUR**
[72] TOUFFAIT, GUILLAUME, FR
[72] AMAR, VIRGINIE, FR
[72] LAFONT, CAROLINE, FR
[72] DEFAYET, CHRISTOPHE, FR
[72] COLLENDAVELLOO, YAN, FR
[73] AMADEUS S.A.S., FR
[85] 2014-02-03
[86] 2012-07-31 (PCT/EP2012/064966)
[87] (WO2013/017599)
[30] EP (11306011.5) 2011-08-03
[30] US (13/136,576) 2011-08-04

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[13] C
[51] **Int.Cl. G06Q 10/06 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **MONITORING, DIAGNOSTIC AND TRACKING TOOL FOR AUTONOMOUS MOBILE ROBOTS**
[54] **OUTIL DE SUIVI, DE DIAGNOSTIC ET DE SUIVI POUR ROBOTS MOBILES AUTONOMES**
[72] WOLFE, DAVID G., US
[72] LUCAS, GEORGE F., US
[72] SWANEY, MARK, US
[73] AETHON, INC., US
[85] 2014-03-21
[86] 2012-09-21 (PCT/US2012/056632)
[87] (WO2013/044069)
[30] US (61/537,730) 2011-09-22

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[51] **Int.Cl. A23L 15/00 (2016.01) A61K 35/57 (2015.01) A23L 33/00 (2016.01) A23B 5/04 (2006.01) A61K 8/98 (2006.01) A61K 35/00 (2006.01) A61P 29/00 (2006.01) A61Q 5/00 (2006.01)**
[25] EN
[54] **EGG PREPARATION WITH REGENERATING, ANALGESIC AND/OR ANTI-INFLAMMATORY PROPERTIES**
[54] **PREPARATION A BASE D'□UFS A PROPRIETES REGENERANTES, ANALGESIQUES ET/OU ANTI-INFLAMMATOIRES**
[72] CUNILL AIXELA, JUAN, ES
[73] OVIVITY GROUP, S.L., ES
[85] 2014-03-27
[86] 2012-05-18 (PCT/EP2012/059251)
[87] (WO2013/053503)
[30] EP (11184990.7) 2011-10-13

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[13] C
[51] **Int.Cl. A61B 18/00 (2006.01) B03C 3/40 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO THE REDUCTION OR REMOVAL OF PARTICLES WITHIN AN ENCLOSED CORPOREAL ATMOSPHERE**
[54] **AMELIORATIONS DANS ET CONCERNANT LA REDUCTION OU L'ELIMINATION DE PARTICULES DANS UNE ATMOSPHERE CORPORELLE**
[72] AMOAH, FRANCIS, GB
[72] GRIFFITHS, DOMINIC, GB
[73] ALESI SURGICAL LIMITED, GB
[85] 2014-03-27
[86] 2012-09-05 (PCT/GB2012/052172)
[87] (WO2013/045886)
[30] GB (1116889.5) 2011-09-30

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[51] **Int.Cl. A61K 6/02 (2006.01) C03C 3/083 (2006.01) C03C 3/097 (2006.01) C03C 4/00 (2006.01) C03C 10/00 (2006.01)**
[25] EN
[54] **LITHIUM SILICATE GLASS CERAMIC AND GLASS WITH HEXAVALENT METAL OXIDE**
[54] **VITROCERAMIQUE ET VERRE EN SILICATE DE LITHIUM, AYANT UN OXYDE METALLIQUE HEXAVALENT**
[72] RITZBERGER, CHRISTIAN, CH
[72] APEL, ELKE, CH
[72] HOLAND, WOLFRAM, LI
[72] RHEINBERGER, VOLKER, LI
[73] IVOCLAR VIVADENT AG, LI
[85] 2014-04-08
[86] 2012-10-11 (PCT/EP2012/070224)
[87] (WO2013/053868)
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[13] C
[51] **Int.Cl. H04W 88/02 (2009.01) G06K 17/00 (2006.01) H04B 5/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRANSMITTING DATA USING NEAR FIELD COMMUNICATIONS**
[54] **SYSTEMES ET PROCEDES DE TRANSMISSION DE DONNEES A L'AIDE DE COMMUNICATIONS EN CHAMP PROCHE**
[72] AUGUST, CLIFFORD J., CA
[72] PYNER, DEREK JOHN, CA
[72] NEEDHAM, GLENN, GB
[73] AUGUST, CLIFFORD J., CA
[85] 2014-04-22
[86] 2012-10-22 (PCT/US2012/061397)
[87] (WO2013/059834)
[30] US (61/550,361) 2011-10-21
[30] US (61/577,803) 2011-12-20
[30] US (61/622,522) 2012-04-11
[30] US (61/622,587) 2012-04-11
[30] US (61/643,061) 2012-05-04
[30] US (61/682,290) 2012-08-12

[11] **2,854,050**
[13] C
[51] **Int.Cl. B64D 13/06 (2006.01) B64D 27/26 (2006.01) B64D 29/02 (2006.01) B64D 33/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COOLING AN AIRCRAFT WING**
[54] **SYSTEME ET PROCEDE DE REFROIDISSEMENT D'UNE AILE D'AVION**
[72] RICHARDSON, JOHN, GB
[73] SHORT BROTHERS PLC, GB
[85] 2014-04-30
[86] 2011-11-29 (PCT/EP2011/071318)
[87] (WO2013/079100)

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[13] C
[51] **Int.Cl. A01N 63/00 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **PSEUDOMONAS SP.PRORADIX (DMSZ 13134) FOR TREATING OR PREVENTING STORAGE DISEASE IN HARVESTED MATERIAL**
[54] **PSEUDOMONAS SP.PRORADIX (DMSZ 13134) POUR LE TRAITEMENT OU LA PREVENTION D'UNE MALADIE ASSOCIEE A L'ENTREPOSAGE DANS LES MATIERES RECOLTEES**
[72] VOGT, WOLFGANG, DE
[73] SOURCON-PADENA GMBH & CO.KG, DE
[85] 2014-05-02
[86] 2012-10-26 (PCT/EP2012/071278)
[87] (WO2013/064430)
[30] DE (10 2011 117 895.7) 2011-11-04

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[13] C
[51] **Int.Cl. B64C 1/26 (2006.01) B64F 5/10 (2017.01) B64C 1/00 (2006.01)**
[25] EN
[54] **JOINT ASSEMBLY AND METHOD OF ASSEMBLING SAME**
[54] **ENSEMBLE DE JOINT ET PROCEDE D'ASSEMBLAGE DE CELUI-CI**
[72] WALKER, STEVEN PAUL, US
[72] PAGLIARINI, MICHAEL D., US
[72] VEIT, JOANNA MARA SERGIANE, US
[72] CAMBRONERO, ISAAC G.; JR., US
[72] DAVIS, JAMES DONALD, US
[73] THE BOEING COMPANY, US
[86] (2856845)
[87] (2856845)
[22] 2014-07-15
[30] US (14/051926) 2013-10-11

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[13] C
[51] **Int.Cl. D03D 15/12 (2006.01) A41D 13/00 (2006.01)**
[25] EN
[54] **FLAME RESISTANT FABRIC WITH ANISOTROPIC PROPERTIES**
[54] **TISSU IGNIFUGE AVEC PROPRIETES ANISOTROPIQUES**
[72] STANHOPE, MICHAEL T., US
[72] DUNN, CHARLES S., US
[72] COLATRUGLIO, MATTHEW LUCIUS, US
[73] SOUTHERN MILLS, INC., US
[85] 2014-05-16
[86] 2012-11-21 (PCT/US2012/066227)
[87] (WO2013/078287)
[30] US (13/303,495) 2011-11-23

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[51] **Int.Cl. G06F 21/60 (2013.01) G06F 21/30 (2013.01) G06F 21/85 (2013.01)**
[25] EN
[54] **AN IN-CIRCUIT SECURITY SYSTEM AND METHODS FOR CONTROLLING ACCESS TO AND USE OF SENSITIVE DATA**
[54] **SYSTEME DE SECURITE EN-CIRCUIT ET PROCEDES DE COMMANDE D'ACCES A ET D'UTILISATION DE DONNEES SENSIBLES**
[72] JOHNSON, BARRY W., US
[72] TILLACK, JONATHAN A., US
[72] OLVERA, KRISTEN R., US
[72] RUSSELL, DAVID R., US
[73] APPLE INC., US
[86] (2857208)
[87] (2857208)
[22] 2004-06-01
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[51] **Int.Cl. E21B 43/24 (2006.01)**
[25] EN
[54] **HEAVY OIL PRODUCTION WITH EM PREHEAT AND GAS INJECTION**
[54] **PRODUCTION DE PETROLE LOURD PAR PRECHAUFFAGE ELECTROMAGNETIQUE ET INJECTION DE GAZ**
[72] SULTENFUSS, DANIEL R., US
[72] TREINEN, RICHARD, US
[72] TRAUTMAN, MARK A., US
[73] CONOCOPHILLIPS COMPANY, US
[73] HARRIS CORPORATION, US
[85] 2014-05-27
[86] 2012-12-28 (PCT/US2012/071948)
[87] (WO2013/106205)
[30] US (61/584,963) 2012-01-10
[30] US (61/592,366) 2012-01-30

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[13] C
[51] **Int.Cl. B65D 77/04 (2006.01) B65D 81/26 (2006.01) B65D 81/32 (2006.01)**
[25] EN
[54] **FOOD PACKAGING**
[54] **EMBALLAGE DE NOURRITURE**
[72] STRILICH, ERIK, US
[72] GASPERSON, BETHANIE L., US
[72] COGLEY, PAUL ANDREW, US
[72] WILKER, ALISON, US
[73] NESTEC S.A., CH
[85] 2014-05-29
[86] 2012-12-17 (PCT/EP2012/075758)
[87] (WO2013/092473)
[30] US (61/577,999) 2011-12-20

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[51] **Int.Cl. F16B 41/00 (2006.01) B60B 3/14 (2006.01)**
[25] EN
[54] **WHEEL NUT LOCK**
[54] **VERROU D'ECROU DE ROUE**
[72] BOYCE, BRUCE R., CA
[72] HUTCHINGS, WARREN W., CA
[73] BOYCE, BRUCE R., CA
[73] HUTCHINGS, WARREN W., CA
[85] 2014-04-07
[86] 2011-10-07 (PCT/CA2011/050635)
[87] (WO2013/049913)

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[13] C
[51] **Int.Cl. H04N 21/2747 (2011.01) H04N 21/2225 (2011.01) H04N 21/40 (2011.01) H04N 21/4147 (2011.01) H04N 21/472 (2011.01)**
[25] EN
[54] **NETWORK BASED DIGITAL INFORMATION AND ENTERTAINMENT STORAGE AND DELIVERY SYSTEM**
[54] **SYSTEME DE STOCKAGE ET DE PRESENTATION DE PROGRAMMES D'INFORMATION NUMERIQUE ET DE DIVERTISSEMENT SUR RESEAU**
[72] WILLIAMSON, LOUIS D., US
[72] BUEHL, JOSEPH, US
[72] CALLAHAN, JOHN W., US
[72] CARLUCCI, JOHN B., US
[72] CHIDDIX, JAMES A., US
[72] HAYASHI, MICHAEL T., US
[72] LEDDY, KEVIN J., US
[73] TIME WARNER CABLE ENTERPRISES LLC, US
[73] TIME WARNER ENTERTAINMENT COMPANY, L.P., US
[86] (2859672)
[87] (2859672)
[22] 2003-05-02
[62] 2,484,620
[30] US (60/377,963) 2002-05-03
[30] US (10/263,015) 2002-10-02

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[13] C
[51] **Int.Cl. F02C 9/00 (2006.01) F02C 6/08 (2006.01) F02C 7/228 (2006.01) F02C 9/26 (2006.01) F23R 3/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FLAME STABILIZATION**
[54] **SYSTEME ET PROCEDE POUR STABILISATION DE FLAMME**
[72] DURBIN, MARK DAVID, US
[72] MUELLER, MARK ANTHONY, US
[72] BLAKEMAN, LANCE KENNETH, US
[72] LIND, DAVID ALBIN, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-06-18
[86] 2012-12-07 (PCT/US2012/068366)
[87] (WO2013/095951)
[30] US (61/577,934) 2011-12-20
[30] US (13/557,750) 2012-07-25

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[13] C
[51] **Int.Cl. B03B 9/02 (2006.01) B03D 3/06 (2006.01) B09B 3/00 (2006.01) C02F 1/56 (2006.01)**
[25] EN
[54] **PROCESSES FOR TREATING A TAILINGS STREAM**
[54] **PROCEDES DE TRAITEMENT D'UN COURANT DE RESIDUS**
[72] MAHMOUDKHANI, AMIR H., US
[73] KEMIRA OYJ, FI
[85] 2014-06-19
[86] 2012-12-21 (PCT/US2012/071278)
[87] (WO2013/096787)
[30] US (61/579,392) 2011-12-22

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[13] C
[51] **Int.Cl. G01V 7/00 (2006.01) G01V 7/10 (2006.01) G01V 7/16 (2006.01)**
[25] EN
[54] **GRAVITY GRADIOMETER AND METHODS FOR MEASURING GRAVITY GRADIENTS**
[54] **RADIOMETRE DE GRAVITE G ET PROCEDES DE MESURE DE GRADIENTS DE GRAVITE**
[72] CARROLL, KIERAN A., CA
[72] FRENCH, JOHN BARRY, CA
[72] MORRISON, KEITH RICHARD WILLIAM, CA
[73] GEDEX SYSTEMS INC., CA
[85] 2014-07-04
[86] 2012-02-17 (PCT/CA2012/000149)
[87] (WO2012/109738)
[30] US (61/443,987) 2011-02-17

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[13] C
[51] **Int.Cl. G06F 17/22 (2006.01)**
[25] EN
[54] **MOBILE TERMINALS AND METHODS FOR GENERATING ELECTRONIC DOCUMENTS FOR THE SAME**
[54] **TERMINAUX MOBILES ET PROCEDES DE CREATION DE DOCUMENTS ELECTRONIQUES DESTINES A DE TELS TERMINAUX**
[72] WU, SHIXIANG, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2014-06-26
[86] 2013-07-30 (PCT/CN2013/080384)
[87] (WO2014/032491)
[30] CN (201210307666.2) 2012-08-27

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[13] C
[51] **Int.Cl. H04W 52/24 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING AND MITIGATING RADIO INTERFERENCE AMONG USER EQUIPMENT AND BASE STATIONS OF GEOGRAPHICALLY CO-LOCATED AND SPECTRALLY DISTINCT WIRELESS SYSTEMS**
[54] **PROCEDE ET APPAREIL DE DETECTION ET D'ATTENUATION D'INTERFERENCES RADIOELECTRIQUES PARMI UN EQUIPEMENT D'UTILISATEUR ET DES STATIONS DE BASE DE SYSTEMES SANS FIL UTILISANT DES SPECTRES DISTINCTS ET SITUES DANS LA MEME ZONE GEOGRAPHIQUE**
[72] MAKHLOUF, ISAM R., US
[72] CHEN, ETHAN Y., US
[72] JIN, XIAOWEI, US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2014-06-26
[86] 2012-12-12 (PCT/US2012/069274)
[87] (WO2013/101466)
[30] US (13/340,135) 2011-12-29

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[13] C
[51] **Int.Cl. F41H 1/02 (2006.01) F41H 5/04 (2006.01)**
[25] EN
[54] **BALLISTIC VEST SYSTEM WITH BALLISTIC VEIN COMPONENT**
[54] **SYSTEME DE VESTE BALISTIQUE AVEC COMPOSANTE BALLISTIC VEIN**
[72] BECK, JASON, US
[73] TYR TACTICAL, LLC, US
[86] (2864804)
[87] (2864804)
[22] 2014-09-23
[30] US (61/883,121) 2013-09-26

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[13] C
[51] **Int.Cl. E04C 2/40 (2006.01) E04C 3/00 (2006.01) E05D 11/00 (2006.01)**
[25] EN
[54] **INTERCONNECTION SYSTEM FOR PANEL ASSEMBLIES**
[54] **SYSTEME CONNECTEUR POUR ENSEMBLES PANNEAU**
[72] KALINOWSKI, RAMON, US
[73] AAR MANUFACTURING, INC., US
[85] 2014-08-20
[86] 2012-03-02 (PCT/US2012/027597)
[87] (WO2013/130107)

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[13] C
[51] **Int.Cl. C09K 3/00 (2006.01) C09K 8/58 (2006.01) F17D 1/17 (2006.01)**
[25] EN
[54] **APPLICATION OF A CHEMICAL COMPOSITION FOR VISCOSITY MODIFICATION OF HEAVY AND EXTRA-HEAVY CRUDE OILS**
[54] **APPLICATION D'UNE COMPOSITION CHIMIQUE POUR MODIFICATION DE VISCOSITE DE BRUTS LOURDS ET EXTRA-LOURDS**
[72] MIRANDA OLVERA, ALMA DELIA, MX
[72] DOMINGUEZ ESQUIVEL, JOSE MANUEL, MX
[72] GARCIA CHAVEZ, RICARDO, MX
[72] VAZQUEZ GUEVARA, MIGUEL ANGEL, MX
[73] INSTITUTO MEXICANO DEL PETROLEO, MX
[73] UNIVERSIDAD DE GUANAJUATO, MX
[86] (2866851)
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[22] 2014-10-10
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[54] **ENCASED SOLID FOOD AND METHOD FOR MANUFACTURING THE SAME**
[54] **PRODUIT ALIMENTAIRE SOLIDE ENROBE ET SON PROCEDE DE FABRICATION**
[72] BATORI, HIROSHI, JP
[72] AKACHI, TOSHIYUKI, JP
[72] HASHIMOTO, SHINTAROU, JP
[72] TANOUE, MINAMI, JP
[72] KAKUMA, TAKAFUMI, JP
[73] DAIWA CAN COMPANY, JP
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[25] EN
[54] **VAPOR PERMEABLE FABRIC CONSTRUCTS WITH STATIC OR DYNAMIC ANTIMICROBIAL COMPOSITIONS**
[54] **STRUCTURES TEXTILES PERMEABLES A LA VAPEUR A COMPOSITIONS ANTIMICROBIENNES STATIQUES OU DYNAMIQUES**
[72] TODT, GREGORY L., US
[72] OZOL, SECKIN, US
[72] SHAH, RAJESH HEMENDRA, US
[73] TRANSHIELD, INC., US
[85] 2014-09-11
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[51] **Int.Cl. G01V 1/40 (2006.01) G01V 1/42 (2006.01)**
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[54] **VSP SYSTEMS AND METHODS REPRESENTING SURVEY DATA AS PARAMETERIZED COMPRESSION, SHEAR, AND DISPERSIVE WAVE FIELDS**
[54] **SYSTEMES ET PROCEDES DE PROFIL SISMIQUE VERTICAL (PSV) REPRESENTANT DES DONNEES DE PROSPECTION EN TANT QUE COMPRESSION, CISAILLEMENT ET CHAMPS D'ONDES DISPERSIFS PARAMETRISES**
[72] FOY, RICHARD D., US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-09-15
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[54] **STRUCTURES FOR OFFSHORE INSTALLATIONS**
[54] **STRUCTURES POUR INSTALLATIONS OFFSHORE**
[72] BLEASDALE, MATTHEW, GB
[73] OWLC HOLDINGS LTD, GB
[85] 2014-09-19
[86] 2013-03-12 (PCT/GB2013/050601)
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[30] GB (1205192.6) 2012-03-24
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[30] GB (1210624.1) 2012-06-14
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[54] **SYSTEM AND METHOD FOR SURFACE STEERABLE DRILLING**
[54] **SYSTEME ET PROCEDE POUR FORAGE POUVANT ETRE DIRIGE DEPUIS LA SURFACE**
[72] BENSON, TODD W., US
[72] CHEN, TEDDY C., US
[73] MOTIVE DRILLING TECHNOLOGIES, INC., US
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[54] **SYSTEM AND METHOD FOR DETERMINING A CONCENTRATION OF GAS IN A CONFINED SPACE**
[54] **SYSTEME ET PROCEDE DE DETERMINATION D'UNE CONCENTRATION D'UN GAZ DANS UN ESPACE CONFINE**
[72] MARCHETTI, JOHN, US
[73] GULFSTREAM AEROSPACE CORPORATION, US
[85] 2014-05-16
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[54] **COMPOSITIONS AND METHODS FOR THE COLLECTION AND ISOLATION OF NUCLEIC ACIDS FROM BIOLOGICAL SPECIMENS**
[54] **COMPOSITIONS ET PROCEDES POUR LA COLLECTE ET L'ISOLEMENT D'ACIDES NUCLEIQUES A PARTIR DE SPECIMENS BIOLOGIQUES**
[72] FISCHER, GERALD W., US
[72] DAUM, LUKE T., US
[73] LONGHORN VACCINES AND DIAGNOSTICS, LLC, US
[85] 2014-09-26
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[54] **VACCINES AND METHODS TO TREAT LYME DISEASE IN DOGS**
[54] **VACCINS ET PROCEDES DE TRAITEMENT DE LA MALADIE DE LYME CHEZ LES CHIENS**
[72] LOHSE, ROBERT M., US
[72] MEEUS, PATRICK F. M., US
[72] MILLERSHIP, JASON J., US
[72] XU, ZACH, US
[72] MARCONI, RICHARD THOMAS, US
[72] EARNHART, CHRISTOPHER, US
[73] VIRGINIA COMMONWEALTH UNIVERSITY, US
[73] ZOETIS SERVICES LLC, US
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[54] **METHOD AND DEVICE FOR PRODUCING A PLY INVOLVED IN THE CONSTRUCTION OF A MULTIPLY PANEL**
[54] **PROCEDE DE FABRICATION D'UN PANNEAU MULTI-PLIS DE COMPOSITION VARIABLE**
[72] RAUDIN, BRUNO, FR
[72] FAURE, PASCAL, FR
[72] CHABRIER, CHRISTIAN, FR
[73] TECHNIWOOD INTERNATIONAL, FR
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[54] **BURST SLEEVE AND POSITIVE INDICATION FOR FRACTURE SLEEVE OPENING**
[54] **MANCHON DE RUPTURE ET INDICATION DE RUPTURE**
[72] TOUGH, JOHN, US
[72] VINSON, JUSTIN P., US
[72] BLANTON, ERIC M., US
[72] SHAFFER, RAYMOND, US
[72] RICHEY, LUKE V., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING ELECTRONICALLY OPERABLE ACCESS DEVICES USING WI-FI AND RADIO FREQUENCY TECHNOLOGY**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE DISPOSITIFS D'ACCES POUVANT FONCTIONNER ELECTRONIQUEMENT A L'AIDE D'UNE TECHNOLOGIE WI-FI ET RADIOFREQUENCE**
[72] KINCAID, RYAN C., US
[72] SANTHANAKRISHNAN, LAKSHMI, US
[72] TELLJOHANN, BRIAN A., US
[72] OEHLER, KEVIN P., US
[72] BITAR, NABEEL, US
[73] SCHLAGE LOCK COMPANY LLC, US
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[86] 2013-05-07 (PCT/US2013/039886)
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[54] **CACHE-ECROU INJECTABLE**
[72] DOBBIN, RICHARD, GB
[72] TOTHILL, GUY, GB
[72] LIVERSAGE, DAVID, GB
[72] CREW, DARREN, GB
[73] AIRBUS OPERATIONS LIMITED, GB
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[30] GB (1209724.2) 2012-05-31
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[54] **LEAK DIVERTER ASSEMBLY FOR SUBSTATION TRANSFORMERS**
[54] **ENSEMBLE DEFLECTEUR DE FUITE POUR TRANSFORMATEURS DE SOUS-STATION**
[72] MCATARIAN, PATRICK F., US
[72] MCATARIAN, MARK, US
[73] ANDAX INDUSTRIES LLC, US
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[25] EN
[54] **VALVE MECHANISM FOR CONTROLLING RELEASE OF PRESSURIZED FLUID**
[54] **MECANISME A SOUPAPE POUR REGULER LA DETENTE D'UN FLUIDE SOUMIS A COMPRESSION**
[72] KIHS, JOSEF KARL, CA
[73] KIHS, JOSEF KARL, CA
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[25] EN
[54] **DAMPING BEARING**
[54] **PALIER D'AMORTISSEMENT**
[72] KHAN, KAMRAN, CA
[72] REISINGER, HELMUT, AT
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-01-05
[86] 2013-07-09 (PCT/CA2013/050530)
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[54] **SYSTEMS AND METHODS FOR NETWORKING CONSUMER DEVICES**
[54] **SYSTEMES ET PROCEDES DE MISE EN RESEAU DE DISPOSITIFS CLIENT**
[72] APTE, RAJ B., US
[72] PAULSON, CHRISTOPHER, US
[72] HASENOEHRL, ERIK JOHN, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **LITHIUM SILICATE GLASS CERAMIC AND GLASS WITH CAESIUM OXIDE CONTENT**
[54] **VITROCERAMIQUE ET VERRE EN SILICATE DE LITHIUM AYANT UNE CERTAINE TENEUR EN OXYDE DE CESIUM**
[72] RAMPF, MARKUS, CH
[72] DITTMER, MARC, AT
[72] HOLAND, WOLFRAM, LI
[72] BOLLE, URS, AT
[72] SCHWEIGER, MARCEL, CH
[72] RHEINBERGER, VOLKER, LI
[72] RITZBERGER, CHRISTIAN, CH
[73] IVOCLAR VIVADENT AG, LI
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[25] EN
[54] **DAIRY PRODUCT-LIKE PROCESSED FOOD AND METHOD OF MANUFACTURING THE SAME**
[54] **ALIMENTS TRAITES DE TYPE PRODUIT LAITIER ET PROCEDE DE FABRICATION ASSOCIE**
[72] NARAHARA, YOSHIHARU, JP
[72] HORIUCHI, HIROSHI, JP
[72] ECHIZEN, HIROSHI, JP
[72] KITAMURA, YUTAKA, JP
[73] MEIJI CO., LTD., JP
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR IN VIVO INDUCTION OF PANCREATIC BETA CELL FORMATION**
[54] **PROCEDES ET COMPOSITIONS POUR L'INDUCTION IN VIVO DE LA FORMATION DE CELLULES BETA PANCREATIQUES**
[72] DOIRON, BRUNO, US
[72] DEFRONZO, RALPH A., US
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2015-01-30
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[54] **CHAIR HAVING LATERALLY TILTING SEAT PLATE AND LINKED BACKREST SUPPORTS**
[54] **CHAISE COMPORTANT UNE PLAQUE DE SIEGE INCLINABLE LATERALEMENT ET DES SUPPORTS DE DOSSIER RELIES**
[72] DESANTA, SIMON, DE
[73] HAWORTH GMBH, DE
[85] 2015-02-17
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[25] EN
[54] **HAPTENS OF ARIPIPRAZOLE AND THEIR USE IN IMMUNOASSAYS**
[54] **HAPTENES D'ARIPIPRAZOLE ET LEUR UTILISATION DANS DES DOSAGES IMMUNOLOGIQUES**
[72] LIN, RONGHUI, US
[72] SALTER, RHYS, US
[72] DECORY, THOMAS R., US
[72] HRYHORENKO, ERIC, US
[72] REMMERIE, BART M., BE
[72] SANKARAN, BANUMATHI, US
[73] JANSSEN PHARMACEUTICA NV, BE
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[25] EN
[54] **INTEGRATED WIRING SYSTEM FOR COMPOSITE STRUCTURES**
[54] **DISPOSITIF DE CABLAGE INTEGRE POUR STRUCTURES MIXTES**
[72] DALAL, HARDIK, US
[72] DUCE, JEFFREY LYNN, US
[72] ROSILLO, YELINA, US
[72] ROBBINS, BRENT A., US
[72] MERRIWEATHER, BREANA K., US
[73] THE BOEING COMPANY, US
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[87] (2882475)
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[54] **TOWER GRAIN DRYER WITH IMPROVED HEAT RECLAMATION AND COUNTER-FLOW COOLING SECTION**
[54] **TOUR DE SECHAGE DU GRAIN OFFRANT UNE RECUPERATION DE CHALEUR AMELIOREE ET UNE SECTION DE REFROIDISSEMENT A CONTRE-COURANT**
[72] MORRISON, DAVID, US
[73] THE GSI GROUP, LLC, US
[86] (2882505)
[87] (2882505)
[22] 2015-02-20
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[51] **Int.Cl. A61B 18/14 (2006.01)**
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[54] **DEVICE FOR ABLATING AND ELECTROPORATING TISSUE CELLS**
[54] **DISPOSITIF D'ABLATION ET D'ELECTROPORATION DE CELLULES TISSULAIRES**
[72] SHERMAN, MARSHALL L., US
[73] MEDTRONIC ABLATION FRONTIERS LLC, US
[85] 2015-02-25
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[54] **HIGH PERFORMANCE DATA STREAMING**
[54] **TRANSMISSION EN CONTINU DE DONNEES A HAUTE PERFORMANCE**
[72] WERR, EMILE, US
[73] NYSE GROUP, INC., US
[85] 2015-02-24
[86] 2013-09-18 (PCT/US2013/060409)
[87] (WO2014/047182)
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[30] US (61/778,872) 2013-03-13
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[25] EN
[54] **PLATING SOLUTION AND PLATING PROCESS FOR MULTI-LAYER CYANIDE-FREE PLATING COPPER-TIN ALLOY COATING, AND COINS MADE BY THE PROCESS**
[54] **SOLUTION DE REVETEMENT ET PROCEDE DE REVETEMENT, DESTINES AU REVETEMENT D'UN ALLIAGE CUIVRE-ETAIN PAR REVETEMENT MULTICOUCHE EXEMPT DE CYANURE, ET PIECES DE MONNAIE FABRIQUEES PAR LE PROCEDE**
[72] ZHANG, BO, CN
[72] XU, WEI, CN
[72] WANG, ZHUOXIN, CN
[72] XU, MIN, CN
[72] SONG, JINHUA, CN
[72] ZHANG, GAOJUN, CN
[72] LU, YI, CN
[72] WANG, BIN, CN
[72] CAO, YAZHE, CN
[73] SHANGHAI MINT CO., LTD., CN
[73] CHINA BANKNOTE PRINTING AND MINTING CORPORATION, CN
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[25] EN
[54] **METHOD FOR IMPROVING HIGH TEMPERATURE RHEOLOGY IN DRILLING FLUIDS**
[54] **PROCEDE D'AMELIORATION DE LA RHEOLOGIE A HAUTE TEMPERATURE DANS LES FLUIDES DE FORAGE**
[72] WAGLE, VIKRANT BHAVANISHANKAR, IN
[72] SAVARI, SHARATH, IN
[72] KULKARNI, SANDEEP D., IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-12
[86] 2013-09-25 (PCT/US2013/061779)
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[30] US (13/631,992) 2012-09-30

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[51] **Int.Cl. A61B 17/50 (2006.01)**
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[54] **ANCHORING FOR NON-RETAINABLE FOREIGN OBJECTS**
[54] **ANCRAGE POUR DES OBJETS ETRANGERS NE POUVANT PAS ETRE RETENUS**
[72] BYRNE, RICHARD W., US
[73] RUSH UNIVERSITY MEDICAL CENTER, US
[85] 2015-03-24
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[25] EN
[54] **MEMBRANE COMPRISING SELF-ASSEMBLED BLOCK COPOLYMER AND PROCESS FOR PRODUCING THE SAME BY SPIN COATING (IA)**
[54] **MEMBRANE COMPORTANT UN COPOLYMERE SEQUENCE AUTOASSEMBLE ET PROCEDE DE PRODUCTION ASSOCIE PAR TECHNIQUE DE DEPOT PAR ROTATION (IA)**
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US
[72] SHI, SELINA, US
[73] PALL CORPORATION, US
[86] (2886210)
[87] (2886210)
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[25] EN
[54] **TERMINUS ASSEMBLY FOR TERMINATING AN OPTICAL CABLE**
[54] **ENSEMBLE TERMINAL POUR TERMINER UN CABLE OPTIQUE**
[72] BARRY, JAMES LEO, US
[72] FABIAN, DAVID JAMES, US
[72] GLATFELTER, KYLE JAY, US
[72] LI, JUN, US
[72] MOSIER, JAMES PATRICK, US
[73] TE CONNECTIVITY CORPORATION, US
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[54] **METHOD AND APPARATUS FOR APPLYING FILM MATERIAL TO ELONGATE MEMBERS**
[54] **PROCEDE ET APPAREIL D'APPLICATION DE MATERIAU EN FILM SUR DES ELEMENTS ALLONGES**
[72] SCHAAF, AMERICA O., US
[72] MILLER, RICHARD A., US
[72] ANDERSON, DONALD A., US
[73] THE BOEING COMPANY, US
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[54] **TWO-DIMENSIONAL METHOD FOR INKJET PRINTING WITH PRINTHEAD ALIGNMENT**
[54] **PROCEDE BIDIMENSIONNEL D'IMPRESSION JET D'ENCRE AVEC ORIENTATION DE LA TETE D'IMPRESSION**
[72] WEINGARTNER, PETER, AT
[73] DURST PHOTOTECHNIK DIGITAL TECHNOLOGY GMBH, AT
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[25] EN
[54] **METHOD AND APPARATUS FOR REDUCING STRUCTURAL VIBRATION AND NOISE**
[54] **METHODE ET APPAREIL DE REDUCTION DE LA VIBRATION STRUCTURELLE ET DU BRUIT**
[72] CHIN, CLIFF L., US
[72] MONTGOMERY, JOSHUA M., US
[73] THE BOEING COMPANY, US
[86] (2888551)
[87] (2888551)
[22] 2015-04-14
[30] US (14/276,703) 2014-05-13

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[25] EN
[54] **SYSTEMS AND METHODS FOR OPTIMIZING OPERATION OF A WIND FARM**
[54] **SYSTEMES ET METHODES D'OPTIMISATION DE L'EXPLOITATION D'UN PARC EOLIEN**
[72] AMBEKAR, AKSHAY KRISHNAMURTY, IN
[72] DHURI, KRISHNARAO DATTARAM, IN
[72] CHANDRASHEKAR, SIDDHANTH, IN
[72] DESAI, KALPIT VIKRAMBHAI, IN
[72] MENON, ANUP, IN
[73] GENERAL ELECTRIC COMPANY, US
[86] (2888737)
[87] (2888737)
[22] 2015-04-23
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[25] EN
[54] **INGENOL DERIVATIVE COMPOUNDS USEFUL FOR TREATING CANCER**
[54] **COMPOSES DERIVES D'INGENOL UTILES DANS LE TRAITEMENT DU CANCER**
[72] PIANOWSKI, LUIZ FRANCISCO, BR
[72] TELLES, EVERARDO FERREIRA, BR
[73] AMAZONIA FITOMEDICAMENTOS LTDA., BR
[85] 2015-04-30
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[54] **THRUST REVERSER SYSTEM WITH TRANSLATING-ROTATING BLOCKER DOORS AND METHOD OF OPERATION**
[54] **SYSTEME D'INVERSION DE POUSSEE A VOLETS BLOQUEURS COULISSANTS ROTATIFS ET PROCEDE DE FONCTIONNEMENT**
[72] STUART, ALAN ROY, US
[72] COSGROVE, JAMES MICHAEL, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-05-28
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[54] **A NETWORK DEVICE MOUNTING RAIL FOR CONNECTING REMOVABLE MODULES**
[54] **RAIL DE MONTAGE DE DISPOSITIF DE RESEAU POUR CONNECTER DES MODULES AMOVIBLES**
[72] MARUSCA, IOAN, CA
[72] FARIVAR SADRI, KAVEH, CA
[72] DUONG, THANH TAN, CA
[73] SIEMENS CANADA LIMITED, CA
[85] 2015-06-03
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[25] EN
[54] **ALBUMIN BINDING PEPTIDE-MEDIATED DISEASE TARGETING**
[54] **CIBLAGE D'UNE MALADIE A MEDIATION PAR PEPTIDE DE LIAISON A L'ALBUMINE**
[72] TRIEU, VUONG, US
[73] ABRAXIS BIOSCIENCE, LLC, US
[86] (2893696)
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[25] EN
[54] **POLYCYCLIC-CARBAMOYLPYRIDONE COMPOUNDS AND THEIR PHARMACEUTICAL USE**
[54] **COMPOSES DE CARBAMOYLPYRIDONE POLYCYCLIQUES ET LEUR UTILISATION PHARMACEUTIQUE**
[72] JIN, HAOLUN, US
[72] LAZERWITH, SCOTT E., US
[72] TREJO MARTIN, TERESA ALEJANDRA, US
[72] BACON, ELIZABETH M., US
[72] COTTELL, JEROMY J., US
[72] CAI, ZHENHONG R., US
[72] PYUN, HYUNG-JUNG, US
[72] MORGANELLI, PHILIP ANTHONY, US
[72] JI, MINGZHE, US
[72] TAYLOR, JAMES G., US
[72] CHEN, XIAOWU, US
[72] MISH, MICHAEL R., US
[72] DESAI, MANOJ C., US
[73] GILEAD SCIENCES, INC., US
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[25] EN
[54] **COMPOUNDS AND METHODS COMPRISING A RHODIUM-BASED INTERCALATOR FOR THE ENRICHMENT OF MUTATED NUCLEIC ACID FROM A MIXTURE**
[54] **COMPOSES ET METHODES COMPRENANT UN INTERCALAIRE A BASE DE RHODIUM POUR L'ENRICHISSEMENT D'ACIDE NUCLEIQUE EN MUTATION A PARTIR D'UN MELANGE**
[72] GUPTA, AMAR, US
[72] SCHOENBRUNNER, NANCY, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-06-08
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[54] **A DIE-CUT LID AND ASSOCIATED CONTAINER AND METHOD**
[54] **UN COUVERCLE DECOUPE, ET UN CONTENANT ET UNE METHODE ASSOCIES**
[72] BARTKUS, EGIDIJUS, US
[72] ALDERSON, PAUL, GB
[72] SHABUDIN, ESAK, GB
[72] YORK, GEOFF, GB
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[86] (2894434)
[87] (2894434)
[22] 2015-06-15
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[25] EN
[54] **OLIGONUCLEOTIDE ANALOGUES INCORPORATING 5-AZA-CYTOSINE THEREIN**
[54] **ANALOGUES D'OLIGONUCLEOTIDES INCORPORANT UNE 5-AZACYTOSINE DANS CEUX-CI**
[72] PHIASIVONGSA, PASIT, US
[72] REDKAR, SANJEEV, US
[73] ASTEX PHARMACEUTICALS, INC., US
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[25] EN
[54] **METHOD OF TREATMENT USING LACTOBACILLUS FERMENTUM ME-3**
[54] **PROCEDE DE TRAITEMENT UTILISANT LACTOBACILLUS FERMENTUM ME-3**
[72] KULLISAAR, TIIU, EE
[72] ZILMER, MIHKEL, EE
[72] SMIDT, IMBI, EE
[72] ZILMER, KERSTI, EE
[72] MIKELSAAR, MARIKA, EE
[72] HUTT, PIRJE, EE
[73] UNIVERSITY OF TARTU, EE
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[86] 2013-12-20 (PCT/IB2013/061216)
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[51] **Int.Cl. H01M 10/04 (2006.01)**
[25] EN
[54] **SECONDARY BATTERY-MOUNTED CIRCUIT CHIP AND MANUFACTURING METHOD THEREOF**
[54] **PUCE DE CIRCUIT INSTALLEE SUR UNE BATTERIE SECONDAIRE ET SA METHODE DE FABRICATION**
[72] TSUNOKUNI, KAZUYUKI, JP
[72] INOUE, TATSUO, JP
[72] HIWADA, KIYOYASU, JP
[72] TONOKAWA, TAKASHI, JP
[72] NAKAZAWA, AKIRA, JP
[73] KABUSHIKI KAISHA NIHON MICRONICS, JP
[73] GUALA TECHNOLOGY CO., LTD, JP
[85] 2015-07-09
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[25] EN
[54] **CLEAN FLUID LOSS CONTROL ADDITIVES**
[54] **ADDITIFS DE CONTROLE DE PERTE DE FLUIDE NON POLLUANTS**
[72] SAVARI, SHARATH, US
[72] JAMISON, DALE E., US
[72] KOTHAMASU, RAMYAKRISHNA, IN
[72] GANTEPLA, ANITA, IN
[72] MCDANIEL, CATO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-06-30
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[51] **Int.Cl. G09B 19/24 (2006.01)**
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[54] **CALIBRATION DEVICES FOR A WELDING TRAINING SYSTEM**
[54] **DISPOSITIFS D'ETALONNAGE POUR UN SYSTEME DE FORMATION DE SOUDAGE**
[72] BECKER, WILLIAM J., US
[72] PFEIFER, KYLE A., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2015-06-30
[86] 2014-02-24 (PCT/US2014/018114)
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[51] **Int.Cl. G10L 19/093 (2013.01)**
[25] EN
[54] **MODEL BASED PREDICTION IN A CRITICALLY SAMPLED FILTERBANK**
[54] **PREDICTION BASEE SUR UN MODELE DANS UN BLOC DE FILTRES ECHANTILLONNES DE MANIERE CRITIQUE**
[72] VILLEMOES, LARS, SE
[73] DOLBY INTERNATIONAL AB, NL
[85] 2015-07-07
[86] 2014-01-07 (PCT/EP2014/050139)
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[30] US (61/750,052) 2013-01-08
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[25] EN
[54] **COOLING SYSTEM FOR USE WITH A POWER ELECTRONICS ASSEMBLY AND METHOD OF MANUFACTURING THEREOF**
[54] **DISPOSITIF DE REFROIDISSEMENT DESTINE A UN DISPOSITIF D'ELECTRONIQUE DE PUISSANCE ET METHODE DE FABRICATION ASSOCIEE**
[72] KUSUDA, CHARLES E., US
[73] THE BOEING COMPANY, US
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[87] (2898306)
[22] 2015-07-23
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[54] **MULTI-PEAK REFERENCE GRATING**
[54] **RESEAU DE REFERENCE A POINTES MULTIPLES**
[72] TAVERNER, DOMINO, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2899044)
[87] (2899044)
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[25] EN
[54] **DISH WASHING MACHINE**
[54] **MACHINE DE LAVAGE DE VAISSELLE**
[72] HONG, SEUNG GEE, KR
[72] KYONG, YONG SOO, KR
[72] PARK, CHAN YOUNG, KR
[72] YOO, SOO HYUNG, KR
[72] LEE, CHANG WOOK, KR
[72] JUNG, MIN HO, KR
[72] KIM, HYOUNG JUN, KR
[72] LEE, JEA WON, KR
[72] JUNG, HYUN DONG, KR
[72] JOO, JAE MAN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[87] (WO2014/163408)
[30] KR (10-2013-0037777) 2013-04-05
[30] KR (10-2013-0169463) 2013-12-31
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[51] Int.Cl. E21B 41/00 (2006.01) E21B 43/26 (2006.01)
[25] EN
[54] MOBILE, MODULAR, ELECTRICALLY POWERED SYSTEM FOR USE IN FRACTURING UNDERGROUND FORMATIONS
[54] SYSTEME ELECTRIQUE MOBILE ET MODULAIRE UTILISE POUR FRACTURER DES FORMATIONS SOUTERRAINES
[72] COLI, TODD, CA
[72] SCHELSKE, ELDON, CA
[73] EVOLUTION WELL SERVICES, LLC, US
[86] (2900387)
[87] (2900387)
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[25] EN
[54] SUPPORT ARRANGEMENTS FOR WATER TREATMENT TANK
[54] AGENCEMENTS DE SUPPORT POUR RESERVOIR DE TRAITEMENT DE L'EAU
[72] DOWNEY, JASON, CA
[72] BOWDEN, JOSEPH, CA
[72] KENNEDY, ROBERT, CA
[73] NEWTERRA LTD., CA
[85] 2015-08-10
[86] 2014-02-11 (PCT/CA2014/000095)
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[30] US (61/762,968) 2013-02-11
[30] US (61/875,267) 2013-09-09

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[51] Int.Cl. G01B 11/02 (2006.01) G01B 11/28 (2006.01) H04N 5/335 (2011.01) G01S 17/08 (2006.01)
[25] EN
[54] METHOD TO DETERMINE LENGTH AND AREA MEASUREMENTS WITHIN A SMARTPHONE CAMERA IMAGE
[54] METHODE DE DETERMINATION DE MESURES DE LONGUEUR ET DE SURFACE DANS UNE IMAGE DE CAMERA INTELLIGENTE
[72] BROGA, ANTANAS MATTHEW, CA
[72] WEBER, ARNETT RYAN, CA
[72] GAO, YU, CA
[73] BLACKBERRY LIMITED, CA
[86] (2901708)
[87] (2901708)
[22] 2015-08-27
[30] US (14/473,094) 2014-08-29

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[51] Int.Cl. C12P 17/06 (2006.01) C12M 1/36 (2006.01) C12P 7/42 (2006.01) C07C 39/19 (2006.01) C07D 311/58 (2006.01) C07D 311/80 (2006.01) C12N 15/53 (2006.01)
[25] EN
[54] CHEMICAL ENGINEERING PROCESSES AND APPARATUS FOR THE SYNTHESIS OF COMPOUNDS
[54] PROCEDES TECHNIQUES CHIMIQUES ET APPAREIL POUR LA SYNTHESE DE COMPOSES
[72] WINNICKI, ROBERT, IE
[72] DONSKY, MARC, IE
[72] PEET, RICHARD, IE
[72] SUN, MINGYANG, IE
[73] TEEWINOT TECHNOLOGIES LIMITED, IE
[85] 2015-08-25
[86] 2014-02-27 (PCT/US2014/018944)
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[25] EN
[54] MRI COMPATIBLE ELECTRODE CIRCUIT
[54] POIGNEE ET GAINE ORIENTABLE COMPATIBLES IRM
[72] LLOYD, THOMAS W., US
[72] WEDAN, STEVEN R., US
[72] STENZEL, GREGG S., US
[73] IMRICOR MEDICAL SYSTEMS, INC., US
[85] 2015-08-25
[86] 2014-03-12 (PCT/US2014/023977)
[87] (WO2014/164972)
[30] US (13/836,287) 2013-03-15

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[51] Int.Cl. A23L 33/115 (2016.01) A23L 33/00 (2016.01) A23L 33/10 (2016.01) A61K 9/00 (2006.01)
[25] EN
[54] METHOD OF ENHANCING BIOAVAILABILITY OF DHA AND OTHER LIPID-SOLUBLE NUTRIENTS
[54] PROCEDE PERMETTANT D'AMELIORER LA BIODISPONIBILITE DU DHA ET D'AUTRES NUTRIMENTS SOLUBLES DANS LES LIPIDES
[72] LAI, CHRON-SI, US
[72] BUDDINGTON, RANDAL, US
[72] LASEKAN, JOHN, US
[73] ABBOTT LABORATORIES, US
[85] 2015-08-25
[86] 2014-03-12 (PCT/US2014/024114)
[87] (WO2014/165008)
[30] US (61/779,006) 2013-03-13

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[51] **Int.Cl. G06F 17/00 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **CONTACT AGGREGATION IN A SOCIAL NETWORK**
[54] **AGREGATION DE CONTACTS DANS UN RESEAU SOCIAL**
[72] TSENG, ERICK, US
[73] FACEBOOK, INC., US
[85] 2015-08-26
[86] 2014-03-05 (PCT/US2014/020533)
[87] (WO2014/138158)
[30] US (13/791,591) 2013-03-08

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[51] **Int.Cl. H02G 3/08 (2006.01) H01H 13/14 (2006.01) H02B 1/46 (2006.01) H02P 27/04 (2016.01)**
[25] EN
[54] **ACTUATING MULTIPLE FEATURES OF A DEVICE LOCATED IN AN EXPLOSION-PROOF ENCLOSURE**
[54] **UTILISATION D'UN INHIBITEUR DU TNF ALPHA POUR LE TRAITEMENT DE LA POLYARTHRITE EROSIVE**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] DECARR, GRAIG E., US
[73] COOPER TECHNOLOGIES COMPANY, US
[86] (2903193)
[87] (2903193)
[22] 2011-12-20
[62] 2,820,304
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[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **DISTRIBUTED NETWORK MANAGEMENT SYSTEM USING A LOGICAL MULTI-DIMENSIONAL LABEL-BASED POLICY MODEL**
[54] **SYSTEME DE GESTION DE RESEAU DISTRIBUE UTILISANT UN MODELE DE POLITIQUE MULTIDIMENSIONNEL LOGIQUE BASE SUR DES ETIQUETTES**
[72] KIRNER, PAUL J., US
[72] COOK, DANIEL R., US
[72] FANDLI, JURAJ G., US
[72] GLENN, MATTHEW K., US
[72] GUPTA, MUKESH, US
[72] RUBIN, ANDREW S., US
[72] SCOTT, JERRY B., US
[72] CHANG, SEHYO, US
[72] STOKOL, ALAN B., US
[73] ILLUMIO, INC., US
[85] 2015-08-31
[86] 2014-04-09 (PCT/US2014/033540)
[87] (WO2014/169062)
[30] US (61/810,480) 2013-04-10
[30] US (61/899,468) 2013-11-04

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[51] **Int.Cl. E06B 9/42 (2006.01) E06B 9/50 (2006.01)**
[25] EN
[54] **ROLLER BLIND MOUNTING SYSTEM AND PARTS THEREFOR**
[54] **SYSTEME D'INSTALLATION DE STORE A RESSORT ET PIECES CONNEXES**
[72] KOOP, LARS, DE
[72] BOHLEN, JORG, DE
[73] HUNTER DOUGLAS INDUSTRIES B.V., NL
[86] (2905672)
[87] (2905672)
[22] 2007-12-05
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[13] C
[51] **Int.Cl. F21S 4/22 (2016.01) F21S 4/26 (2016.01) F21V 3/00 (2015.01) F21V 15/01 (2006.01) F21V 23/06 (2006.01)**
[25] EN
[54] **LED LINEAR LIGHT ASSEMBLIES WITH TRANSPARENT BOTTOMS**
[54] **DISPOSITIFS D'ECLAIRAGE LINEAIRE A DEL DOTES DE FONDS TRANSPARENTS**
[72] CAMAROTA, MICHAEL V., US
[73] ITC INCORPORATED, US
[86] (2905695)
[87] (2905695)
[22] 2015-09-25
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[25] EN
[54] **ANIMAL BED HAVING DUAL INDEPENDENT SUPPORT CHAMBERS**
[54] **LIT POUR ANIMAL AYANT DEUX CHAMBRES DE SUPPORT INDEPENDANTES**
[72] THRONDSEN, DEAN R., US
[73] ADVANCED COMFORT TECHNOLOGY, INC., US
[85] 2015-09-11
[86] 2013-05-08 (PCT/US2013/040115)
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[25] EN
[54] **INFLATABLE AIR MATTRESS SYSTEM WITH DETECTION TECHNIQUES**
[54] **SYSTEME DE MATELAS PNEUMATIQUE GONFLABLE AYANT DES TECHNIQUES DE DETECTION**
[72] NUNN, ROB, US
[72] PALASHEWSKI, WADE DANIEL, US
[72] TILSTRA, MATTHEW WAYNE, US
[72] YOUNG, STEVEN, US
[72] HEWITT, CARL, US
[72] ZHOVNIROVSKY, YURI, US
[73] SLEEP NUMBER CORPORATION, US
[73] SELECT COMFORT RETAIL CORPORATION, US
[85] 2015-09-11
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[54] **DISPOSABLE ABSORBENT ARTICLE**
[54] **ARTICLE ABSORBANT JETABLE**
[72] HOWARD, JOSEPH, US
[72] TERENZONI, WILLIAM, US
[72] SHELDON, DONALD A., US
[73] ADVANCED ABSORBENT TECHNOLOGIES, LLC, US
[85] 2015-09-14
[86] 2014-03-13 (PCT/US2014/025963)
[87] (WO2014/151544)
[30] US (61/792,004) 2013-03-15
[30] US (14/204,616) 2014-03-11

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[54] **ESTABLISHING A REGISTERED SCORE, SLIT OR SLOT IN CORRUGATED BOARD, AND ARTICLES PRODUCED THEREFROM**
[54] **FORMATION D'INCISION, DE FENTE OU D'ENCOCHE ENREGISTREE DANS DU CARTON ONDULE, ET ARTICLES PRODUITS A PARTIR DE CE CARTON**
[72] GREENFIELD, GILES, US
[73] SCORRBOARD, LLC, US
[85] 2015-09-15
[86] 2014-03-17 (PCT/US2014/030916)
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[25] EN
[54] **TWO-STAGE SIGNALING FOR TRANSMISSION OF A DATASTREAM**
[54] **SIGNALISATION A DEUX PHASES POUR TRANSMISSION D'UN FLUX DE DONNEES**
[72] STADALI, HOLGER, DE
[72] LIPP, STEFAN, DE
[72] ROHDE, CHRISTIAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANTEN FORSCHUNG E.V., DE
[85] 2015-09-16
[86] 2014-03-19 (PCT/EP2014/055532)
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[25] FR
[54] **ALLOPHANATE COMPOSITION**
[54] **COMPOSITION D'ALLOPHANATE**
[72] KLUCKER, ROLF, FR
[72] BERNARD, JEAN-MARIE, FR
[73] VENCOREX FRANCE, FR
[85] 2015-09-16
[86] 2014-03-19 (PCT/EP2014/055537)
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[51] **Int.Cl. H03M 13/25 (2006.01)**
[25] EN
[54] **CODING AND DECODING METHOD, DEVICE AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE CODAGE ET DE DECODAGE**
[72] SI, XIAOSHU, CN
[72] PAN, DAO, CN
[72] SUN, FANGLIN, CN
[72] ZHANG, XIAOFENG, CN
[72] OUYANG, TAO, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-09-25
[86] 2013-05-07 (PCT/CN2013/075277)
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[54] **INFRARED-RAY REFLECTIVE FILM**
[54] **FILM REFLECHISSANT LES RAYONS INFRAROUGES**
[72] FUJISAWA, JUNICHI, JP
[72] OHMORI, YUTAKA, JP
[72] WATANABE, MASAHIKO, JP
[73] NITTO DENKO CORPORATION, JP
[85] 2015-10-02
[86] 2014-03-19 (PCT/JP2014/057516)
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[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING ICE ON A WIND TURBINE ROTOR BLADE**
[54] **SYSTEME ET PROCEDE DE DETECTION DE GLACE SUR UNE PALE DE ROTOR D'EOLIENNE**
[72] CASTRO, JORGE GONZALEZ, DE
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-10-08
[86] 2014-03-19 (PCT/US2014/031190)
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[25] EN
[54] **ANTIMICROBIAL POTENTIATORS**
[54] **POTENTIALISATEURS ANTIMICROBIENS**
[72] OPPERMAN, TIMOTHY J., US
[72] NGUYEN, SON T., US
[72] KWASNY, STEVEN M., US
[72] DING, XIAOYUAN, US
[73] MICROBIOTIX, INC., US
[85] 2015-10-27
[86] 2014-05-03 (PCT/US2014/036712)
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[51] **Int.Cl. A23L 27/30 (2016.01) A23L 2/60 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND COMESTIBLES**
[54] **COMPOSITIONS ET PRODUITS COMESTIBLES**
[72] BELL, ZENA, US
[72] LEE, THOMAS, US
[72] YEP, GREGORY, US
[73] PEPSICO, INC., US
[85] 2015-11-12
[86] 2014-04-15 (PCT/US2014/034167)
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[25] EN
[54] **INDEX UPDATE PIPELINE**
[54] **PIPELINE DE MISE A JOUR D'INDEX**
[72] XIAO, WEI, US
[72] NG, CLARENCE WING YIN, US
[72] DHAWAN, MEDHAVI, US
[72] RATH, TIMOTHY ANDREW, US
[72] STEFANI, STEFANO, US
[73] AMAZON TECHNOLOGIES, INC., US
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[86] 2014-05-19 (PCT/US2014/038640)
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[51] **Int.Cl. H04B 1/52 (2015.01) H04B 1/12 (2006.01) H04B 1/38 (2015.01)**
[25] EN
[54] **LEAKAGE CANCELLATION FOR A MULTIPLE-INPUT MULTIPLE-OUTPUT TRANSCEIVER**
[54] **ANNULATION DE FUITE POUR EMETTEUR-RECEPTEUR ENTREE MULTIPLE SORTIE MULTIPLE**
[72] LINDGREN, ROBERT, SE
[72] THORSEN, PER-ARNE, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2015-11-24
[86] 2013-08-30 (PCT/EP2013/068025)
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[51] **Int.Cl. C11D 1/22 (2006.01) B08B 3/08 (2006.01) C11D 3/30 (2006.01) C11D 11/04 (2006.01)**
[25] EN
[54] **SOLID RINSE AID COMPOSITION AND METHOD OF MAKING SAME**
[54] **COMPOSITION D'AIDE AU RINCAGE SOLIDE ET SON PROCEDE DE FABRICATION**
[72] SUN, XIN, US
[72] ANDERSON, DERRICK, US
[72] WEST, KELSEY, US
[72] KIEFFER, JANEL MARIE, US
[72] MAN, VICTOR FUK-PONG, US
[72] HUNTER, MELISSA, US
[73] ECOLAB USA INC., US
[85] 2015-11-24
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[54] **A BABY CARRIAGE**
[54] **UN SUPPORT DE TRANSPORT POUR BEBE**
[72] HE, XINJUN, CN
[72] MA, FUSHENG, CN
[73] GOODBABY CHILD PRODUCTS CO., LTD, CN
[85] 2015-11-27
[86] 2013-12-26 (PCT/CN2013/090503)
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[25] EN
[54] **WIND TURBINE FOUNDATION**
[54] **FONDATION D'EOLIENNE**
[72] COORDES, THOMAS, DE
[72] POLLMANN, FRANK, DE
[72] GROSS, ALEXANDER, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-12-03
[86] 2014-06-19 (PCT/EP2014/062963)
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[30] DE (10 2013 211 750.7) 2013-06-21

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[51] **Int.Cl. H04N 19/80 (2014.01) H04N 19/30 (2014.01)**
[25] EN
[54] **RE-SAMPLING FILTERS FOR SCALABLE VIDEO CODING**
[54] **RE-ECHANTILLONNAGE DE FILTRES POUR CODAGE VIDEO EVOLUTIF**
[72] MINOO, KOOHYAR, US
[72] BAYLON, DAVID M., US
[73] ARRIS ENTERPRISES LLC, US
[85] 2015-12-14
[86] 2014-06-13 (PCT/US2014/042411)
[87] (WO2014/201421)
[30] US (61/835,340) 2013-06-14
[30] US (61/847,070) 2013-07-16
[30] US (14/304,399) 2014-06-13

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[51] **Int.Cl. H04W 4/02 (2018.01) G06F 17/30 (2006.01)**
[25] EN
[54] **PUSHING SUGGESTED SEARCH QUERIES TO MOBILE DEVICES**
[54] **POUSSER D'INTERROGATIONS DE RECHERCHE SUGGEREES VERS DES DISPOSITIFS MOBILES**
[72] PEIRIS, KEITH L., US
[72] DENG, PETER, US
[73] FACEBOOK, INC., US
[86] (2915607)
[87] (2915607)
[22] 2014-02-24
[62] 2,901,296
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[51] **Int.Cl. G06Q 20/08 (2012.01) G06Q 20/32 (2012.01)**
[25] EN
[54] **PAYMENT APPLICATION WITH MERCHANT PHYSICAL LOCATION PERSONALIZATION**
[54] **APPLICATION DE PAIEMENT A PERSONNALISATION D'EMPLACEMENT PHYSIQUE DE COMMERCANT**
[72] CHATTERTON, GEOFFREY W., US
[72] GOOD, DAVID, US
[72] KHANNA, RAMANEEK, US
[72] NICHOLS, TIMOTHY C., US
[73] PAYPAL, INC., US
[85] 2015-12-16
[86] 2014-08-29 (PCT/US2014/053496)
[87] (WO2015/031805)
[30] US (14/015,010) 2013-08-30

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[51] **Int.Cl. H02J 3/14 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **AUTOMATED VOLTAGE SUPPORT FROM LOAD RESOURCES**
[54] **SUPPORT DE TENSION AUTOMATISE A PARTIR DE RESSOURCES DE CHARGE**
[72] BLACK, JASON W., US
[72] REHBERG, ERIC L., US
[72] MCCULLOUGH, JASON, US
[73] BATTELLE MEMORIAL INSTITUTE, US
[86] (2916151)
[87] (2916151)
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[51] **Int.Cl. B22D 11/04 (2006.01) B22D 11/041 (2006.01) B22D 11/055 (2006.01) B22D 11/059 (2006.01)**
[25] EN
[54] **CRYSTALLIZER FOR CONTINUOUS CASTING AND METHOD FOR ITS PRODUCTION**
[54] **CRISTALLISATEUR POUR COULEE CONTINUE ET PROCEDE POUR SA FABRICATION**
[72] DE LUCA, ANDREA, IT
[73] DANIELI & C. OFFICINE MECCANICHE S.P.A., IT
[85] 2015-12-23
[86] 2014-06-30 (PCT/IB2014/062721)
[87] (WO2014/207729)
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[51] **Int.Cl. A61K 8/18 (2006.01) A61F 9/00 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **OCULAR COMPOSITION AND KITS THEREOF**
[54] **COMPOSITION OCULAIRE ET KITS ASSOCIES**
[72] ADKINS, NAT, JR., US
[72] BARRATT, CYNTHIA, US
[73] OCUSOFT, INC., US
[85] 2016-01-06
[86] 2014-07-08 (PCT/US2014/045738)
[87] (WO2015/006318)
[30] US (13/941,010) 2013-07-12

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[51] **Int.Cl. A61B 5/11 (2006.01) A61F 5/56 (2006.01) G08B 21/06 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SLEEP POSTURE CORRECTION**
[54] **PROCEDE ET DISPOSITIF POUR CORRIGER LA POSTURE PENDANT LE SOMMEIL**
[72] VAN BEEST, ELINE CHRISTIANE, NL
[73] NIGHTBALANCE B.V., NL
[86] (2918032)
[87] (2918032)
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[51] **Int.Cl. H04N 19/154 (2014.01) H04N 19/117 (2014.01) H04N 19/17 (2014.01) H04N 19/186 (2014.01) H04N 19/187 (2014.01) H04N 19/33 (2014.01) H04N 19/46 (2014.01) H04N 19/59 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **RESAMPLING FILTERS FOR SCALABLE VIDEO CODING WITH PHASE OFFSET ADJUSTMENT AND SIGNALING OF SAME**
[54] **FILTRES DE RE-ECHANTILLONNAGE POUR CODAGE VIDEO MODULABLE A AJUSTEMENT DE DEPHASAGE ET SIGNALISATION DE CEUX-CI**
[72] MINOO, KOOHYAR, US
[72] BAYLON, DAVID M., US
[72] LUTHRA, AJAY, US
[73] ARRIS ENTERPRISES LLC, US
[85] 2016-01-15
[86] 2014-07-15 (PCT/US2014/046763)
[87] (WO2015/009764)
[30] US (61/847,072) 2013-07-16
[30] US (14/332,133) 2014-07-15

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[13] C
[51] **Int.Cl. C08J 3/22 (2006.01) B29B 7/30 (2006.01)**
[25] EN
[54] **CONTINUOUS METHOD FOR MANUFACTURING RUBBER MASTERBATCH AND RUBBER MASTERBATCH PREPARED THEREBY**
[54] **PROCEDE DE FABRICATION CONTINUE DE MELANGE MAITRE DE CAOUTCHOUC ET MELANGE MAITRE DE CAOUTCHOUC AINSI PREPARE**
[72] WANG, MENG-JIAO, US
[72] SONG, JIANJUN, CN
[72] DAI, DEYING, CN
[73] EVE RUBBER INSTITUTE CO., LTD., CN
[85] 2016-02-04
[86] 2014-07-22 (PCT/CN2014/082714)
[87] (WO2015/018281)
[30] CN (201310337560.1) 2013-08-05

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[13] C
[51] **Int.Cl. E21B 7/06 (2006.01) E21B 7/10 (2006.01)**
[25] EN
[54] **TIMED IMPACT DRILL BIT STEERING**
[54] **DIRECTION DE MECHE DE FORAGE A IMPACT TEMPORISE**
[72] GIBB, JOHN C., US
[72] UPSHALL, MALCOLM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2920421)
[87] (2920421)
[22] 2009-12-28
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[51] **Int.Cl. A63B 71/06 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **ATHLETIC PERFORMANCE MONITORING SYSTEMS AND METHODS IN A TEAM SPORTS ENVIRONMENT**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DE PERFORMANCES ATHLETIQUES DANS DES SPORTS D'EQUIPE**
[72] BURROUGHS, BRANDON S., US
[72] MOLYNEUX, JAMES, US
[72] WEAST, AARON B., US
[73] NIKE INNOVATE C.V., US
[86] (2920998)
[87] (2920998)
[22] 2009-12-04
[62] 2,743,188
[30] US (61/200,953) 2008-12-05
[30] US (61/186,740) 2009-06-12

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[13] C
[51] **Int.Cl. G01V 3/24 (2006.01)**
[25] EN
[54] **BOREHOLE ELECTRIC FIELD SURVEY WITH IMPROVED DISCRIMINATION OF SUBSURFACE FEATURES**
[54] **LEVE DU CHAMP ELECTRIQUE D'UN TROU DE FORAGE PERMETTANT DE MIEUX DISTINGUER LES CARACTERISTIQUES EN SUBSURFACE**
[72] MARSALA, ALBERTO, SA
[72] HIBBS, ANDREW DENNIS, US
[73] SAUDI ARABIAN OIL COMPANY, SA
[73] GROUNDMETRICS, INC., US
[85] 2016-02-18
[86] 2014-08-04 (PCT/US2014/049533)
[87] (WO2015/030994)
[30] US (14/013,681) 2013-08-29

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[13] C
[51] **Int.Cl. H01M 8/04029 (2016.01) H01M 8/04701 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM WITH COOLING WATER PUMP OF REVERSIBLE FLOW AND CONTROL METHOD THEREOF**
[54] **SYSTEME DE PILE A COMBUSTIBLE DOTE D'UNE POMPE A EAU DE REFROIDISSEMENT D'ECOULEMENT REVERSIBLE ET METHODE DE CONTROLE ASSOCIEE**
[72] SATO, HIROMICHI, JP
[72] HASEGAWA, SHIGEKI, JP
[72] IIO, ATSUO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2922344)
[87] (2922344)
[22] 2016-03-01
[30] JP (2015-081273) 2015-04-10

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[13] C
[51] **Int.Cl. H04N 21/6543 (2011.01) H04N 21/4147 (2011.01) H04N 21/431 (2011.01) H04N 21/658 (2011.01)**
[25] EN
[54] **MANAGEMENT OF PROFILES FOR INTERACTIVE MEDIA GUIDANCE APPLICATIONS**
[54] **GESTION DE PROFILS POUR DES APPLICATIONS DE GUIDES DE SUPPORTS INTERACTIFS**
[72] STARKENBURG, MICHAEL ROSS, US
[72] KELLOGG-SMITH, PETER, US
[72] FERRONE, ANDREW, US
[72] SHANNON, STEVE, US
[73] ROVI GUIDES, INC., US
[86] (2923493)
[87] (2923493)
[22] 2007-09-28
[62] 2,664,515
[30] US (11/541,245) 2006-09-29
[30] US (11/541,319) 2006-09-29
[30] US (11/541,243) 2006-09-29

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[51] **Int.Cl. C12N 15/09 (2006.01) A61K 31/7125 (2006.01) A61K 31/713 (2006.01) A61K 39/02 (2006.01) A61K 39/12 (2006.01) A61K 39/39 (2006.01) A61P 31/04 (2006.01) A61P 31/12 (2006.01) A61P 33/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) A61P 37/08 (2006.01) A61P 43/00 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **COMPLEX CONTAINING OLIGONUCLEOTIDE HAVING IMMUNOPOTENTIATING ACTIVITY AND USE THEREOF**
[54] **COMPLEXE CONTENANT UN OLIGONUCLEOTIDE PRESENTANT UNE ACTIVITE IMMUNOPOTENTIALISATRICE ET SON UTILISATION**
[72] ISHII, KEN, JP
[72] KOBIYAMA, KOUJI, JP
[72] AOSHI, TAIKI, JP
[72] TAKESHITA, FUMIHIKO, JP
[72] KASUYA, YUJI, JP
[72] NIWA, TAKAKO, JP
[72] KOIZUMI, MAKOTO, JP
[73] NATIONAL INSTITUTES OF BIOMEDICAL INNOVATION, HEALTH AND NUTRITION, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2016-03-08
[86] 2014-09-19 (PCT/JP2014/074835)
[87] (WO2015/041318)
[30] JP (2013-196206) 2013-09-20

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[13] C
[51] **Int.Cl. B29C 45/17 (2006.01)**
[25] EN
[54] **UNITARY MONOLITHICALLY FORMED INJECTION-MOLDING APPARATUSES**
[54] **APPAREILS DE MOULAGE PAR INJECTION FORMES DE MANIERE MONOLITHIQUE UNITAIRE**
[72] JENKO, EDWARD JOSEPH, US
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2016-03-09
[86] 2014-09-10 (PCT/US2014/054875)
[87] (WO2015/047727)
[30] US (61/884,069) 2013-09-29

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[13] C
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[25] FR
[54] **MAIL SORTING APPARATUS COMPRISING A FEED MAGAZINE WITH TWO SUPERPOSED SLIDER BEDS**
[54] **EQUIPEMENT DE TRI POSTAL COMPORTANT UN MAGASIN D'ALIMENTATION AVEC DEUX SOLES SUPERPOSEES**
[72] MADAR, FRANCOIS, FR
[72] CARON, ARNAUD, FR
[73] SOLYSTIC, FR
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[54] **ENSEMBLE DE COMMANDE DE PAS**
[72] CARRINGTON, CHRISTOPHER ROY, GB
[73] GE AVIATION SYSTEMS LIMITED, GB
[85] 2016-03-24
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[54] **EDGING SYSTEM FOR UNIT PAVEMENT SYSTEM**
[54] **SYSTEME DE DELIMITATION POUR UN SYSTEME DE PAVAGE UNITAIRE**
[72] ALFIERI, JAMES A., III, US
[73] ALFIERI, JAMES A., III, US
[85] 2016-03-17
[86] 2014-09-26 (PCT/US2014/057586)
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[51] **Int.Cl. E21B 43/22 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **MODELING THE SUSPENDABILITY OF FIBERS IN A TREATMENT FLUID USING EQUATIONS**
[54] **MODELISATION DE LA CAPACITE DE MISE EN SUSPENSION DES FIBRES DANS UN FLUIDE DE TRAITEMENT A L'AIDE D'EQUATIONS**
[72] KULKARNI, SANDEEP D., US
[72] MILLER, MATTHEW L., US
[72] JAMISON, DALE E., US
[72] TEKE, KUSHABHAU D., IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-08
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[51] **Int.Cl. C01F 11/18 (2006.01)**
[25] EN
[54] **PROCESS FOR IMPROVING THE PARTICLE SIZE DISTRIBUTION OF A CALCIUM CARBONATE-CONTAINING MATERIAL**
[54] **PROCEDE POUR AMELIORER LA DISTRIBUTION GRANULOMETRIQUE D'UNE SUBSTANCE CONTENANT DU CARBONATE DE CALCIUM**
[72] POHL, MICHAEL, AT
[72] RAINER, CHRISTIAN, AT
[73] OMYA INTERNATIONAL AG, CH
[85] 2016-04-18
[86] 2014-10-30 (PCT/EP2014/073356)
[87] (WO2015/067522)
[30] EP (13192156.1) 2013-11-08
[30] US (61/904,541) 2013-11-15

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[25] EN
[54] **CONTROLLING A SIZE OF A PYLORUS**
[54] **REGLAGE DE LA TAILLE D'UN PYLORE**
[72] COLEMAN, JAMES E., IE
[73] COLEMAN, JAMES E., IE
[73] CUMMINS, CHRISTY, IE
[85] 2016-04-20
[86] 2014-11-20 (PCT/EP2014/075203)
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[25] EN
[54] **A METHOD AND A SYSTEM FOR PRODUCING A PACKAGING**
[54] **PROCEDE ET INSTALLATION PERMETTANT DE PRODUIRE UN EMBALLAGE**
[72] LINDT, JAKOB, DE
[72] ALLMANG, WERNER, DE
[72] ROOS, MANFRED, DE
[73] DS SMITH PACKAGING DEUTSCHLAND STIFTUNG & CO. KG, DE
[85] 2016-04-22
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[25] EN
[54] **PROCESS FOR TREATING PRODUCED WATER EVAPORATOR CONCENTRATE**
[54] **PROCEDE DE TRAITEMENT DE CONCENTRE D'EVAPORATEUR D'EAU PRODUITE**
[72] NICHOLSON, MARK C., US
[72] NEU, DOROTHY, US
[73] VEOLIA WATER TECHNOLOGIES, INC., US
[86] (2928820)
[87] (2928820)
[22] 2016-05-04
[30] US (62/158,034) 2015-05-07
[30] US (15/145,517) 2016-05-03

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[51] **Int.Cl. H04L 12/863 (2013.01) H04L 12/58 (2006.01)**
[25] EN
[54] **STRICT QUEUE ORDERING IN A DISTRIBUTED SYSTEM**
[54] **MISE EN SEQUENCE STRICTE DE FILES D'ATTENTE DANS UN SYSTEME DISTRIBUE**
[72] WORD, JONATHAN BRIAN, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2016-04-26
[86] 2014-11-06 (PCT/US2014/064392)
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[30] US (14/073,517) 2013-11-06

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[25] EN
[54] **VARIABLE DIAMETER BULLNOSE ASSEMBLY**
[54] **ENSEMBLE DE BOUCHON DE CONDUITE A DIAMETRE VARIABLE**
[72] BUTLER, BENJAMIN LUKE, AU
[72] BENSON, COLE ALEXANDER, AU
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-27
[86] 2013-12-09 (PCT/US2013/073779)
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[51] **Int.Cl. C09K 8/035 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR TREATING SUBTERRANEAN FORMATIONS**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE FORMATIONS SOUTERRAINES**
[72] WEAVER, JIMMIE DEAN, US
[72] OGLE, JAMES WILLIAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-03
[86] 2013-12-20 (PCT/US2013/077093)
[87] (WO2015/094355)

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[54] **TUBEWIRE INJECTION BUCKLING MITIGATION**
[54] **LIMITATION DE FLAMBAGE LORS DE L'INJECTION DE GAINES**
[72] NAUMANN, ANDRE J., CA
[72] LAMBERT, MITCHELL, CA
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-05-04
[86] 2014-09-18 (PCT/US2014/056262)
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[54] **TURBINE COMPONENTS WITH NEGATIVE CTE FEATURES**
[54] **COMPOSANTS DE TURBINE A ELEMENTS A CTE NEGATIF**
[72] ROCKSTROH, TODD JAY, US
[72] GIGLIOTTI, MICHAEL FRANCIS XAVIER, JR., US
[72] CARTER, WILLIAM THOMAS, US
[72] ABBOTT, DAVID HENRY, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2016-05-05
[86] 2014-11-12 (PCT/US2014/065215)
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[25] EN
[54] **OPTIMIZING FLOW CONTROL DEVICE PROPERTIES FOR A LIQUID INJECTION WELL USING A COUPLED WELLBORE-RESERVOIR MODEL**
[54] **OPTIMISATION DES PROPRIETES D'UN DISPOSITIF DE REGULATION DE DEBIT DESTINE A UN PUITS D'INJECTION EN UTILISANT UN MODELE QUI COUPLE PUITS DE FORAGE ET RESERVOIR**
[72] FILIPPOV, ANDREY, US
[72] LU, JIANXIN, US
[72] KHORIAKOV, VITALY, CA
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-05-09
[86] 2013-11-15 (PCT/US2013/070398)
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[25] EN
[54] **OPTIMIZING FLOW CONTROL DEVICE PROPERTIES ON A PRODUCER WELL IN COUPLED INJECTOR-PRODUCER LIQUID FLOODING SYSTEMS**
[54] **OPTIMISATION DE PROPRIETES DE DISPOSITIF DE REGULATION DU DEBIT SUR UN PUITS DE PRODUCTION DANS DES SYSTEMES DE NOYAGE DE PUITS D'INJECTION ET DE PRODUCTION COUPLES**
[72] FILIPPOV, ANDREY, US
[72] KHORIAKOV, VITALY, CA
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-05-10
[86] 2013-11-15 (PCT/US2013/070401)
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[25] EN
[54] **CALIBRATION TOOL AND METHOD FOR A WELDING SYSTEM**
[54] **OUTIL D'ETALONNAGE ET PROCEDE POUR UN SYSTEME DE SOUDAGE**
[72] BECKER, WILLIAM J., US
[72] MARCUSEN, DAVID P., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2016-05-11
[86] 2014-11-13 (PCT/US2014/065518)
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[54] **LIGNIN NANOPARTICLE DISPERSIONS AND METHODS FOR PRODUCING AND USING THE SAME**
[54] **DISPERSIONS DE NANOPARTICULES DE LIGNINE ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] LIU, ZHAOQING, US
[72] GAST, JOHN C., US
[72] BOTTORFF, KYLE J, US
[73] SOLENIS TECHNOLOGIES, L.P., CH
[85] 2016-05-12
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[54] **SINK AND FAUCET ASSEMBLY**
[54] **ENSEMBLE D'EVIER ET DE ROBINET**
[72] ROWLAND, JAMES, US
[72] GOMPPER, BRION, US
[72] HOPPE, JON DALE, US
[73] COMPONENT HARDWARE GROUP, INC., US
[86] (2930951)
[87] (2930951)
[22] 2016-05-25
[30] US (62/167,956) 2015-05-29
[30] US (15/161,814) 2016-05-23

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[51] **Int.Cl. F04B 9/04 (2006.01) F04B 43/02 (2006.01) F04B 43/08 (2006.01)**
[25] EN
[54] **DOWNHOLE RADIALLY ACTUATED LONGITUDINAL DIAPHRAGM PUMP**
[54] **POMPE A DIAPHRAGME LONGITUDINAL A ACTIONNEMENT RADIAL DE FOND DE TROU**
[72] VAN DAM, JEREMY DANIEL, US
[72] ABOEL HASSAN MUHAMMED, AMEEN ROSHDY, US
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **DUAL ELECTROMAGNETIC COIL VITRECTOMY PROBE**
[54] **SONDE DE VITRECTOMIE A DOUBLE BOBINE ELECTROMAGNETIQUE**
[72] CHON, JAMES Y., US
[73] NOVARTIS AG, CH
[85] 2016-05-26
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[54] **BRIDGE**
[54] **PONT**
[72] TANSLEY, MARK G., CA
[73] 1910623 ALBERTA LTD., CA
[86] (2932128)
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[22] 2016-06-06
[30] US (62/173,063) 2015-06-09
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[25] FR
[54] **NOVEL METHOD FOR THE SYNTHESIS OF 7-METHOXY-NAPHTHALENE-1-CARBALDEHYDE AND USE THEREOF IN THE SYNTHESIS OF AGOMELATINE**
[54] **NOUVEAU PROCEDE DE SYNTHESE DU 7-METHOXY-NAPHTALENE-1-CARBALDEHYDE ET APPLICATION A LA SYNTHESE DE L'AGOMELATINE**
[72] BRIERE, JEAN-FRANCOIS, FR
[72] LEBEUF, RAPHAEL, FR
[72] LEVACHER, VINCENT, FR
[72] HARDOUIN, CHRISTOPHE, FR
[72] LECOUVE, JEAN-PIERRE, FR
[73] LES LABORATOIRES SERVIER, FR
[85] 2016-05-31
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[87] (WO2015/082849)
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[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/32 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SECURE AUTHENTICATION OF USER AND MOBILE DEVICE WITHOUT SECURE ELEMENTS**
[54] **PROCEDE ET SYSTEME D'AUTHENTIFICATION SECURISEE D'UN UTILISATEUR ET D'UN DISPOSITIF MOBILE SANS ELEMENTS SECURISES**
[72] COLLINGE, MEHDI, BE
[72] SMETS, PATRIK, BE
[72] CATELAND, AXEL EMILE JEAN CHARLES, US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2016-05-31
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[30] US (61/910,819) 2013-12-02
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[25] EN
[54] **5-HYDROXY-4-(TRIFLUOROMETHYL)PYRAZOLOPYRIDINE DERIVATIVE**
[54] **DERIVE DE 5-HYDROXY-4-(TRIFLUOROMETHYL)PYRAZOLOPYRIDINE**
[72] KOBAYASHI, HIDEKI, JP
[72] ARAI, MASAMI, JP
[72] KANEKO, TOSHIO, JP
[72] TERASAKA, NAOKI, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2016-06-03
[86] 2014-12-12 (PCT/JP2014/082943)
[87] (WO2015/087994)
[30] JP (2013-258008) 2013-12-13

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[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING AN ADVANCED STORAGE KEY IN A MOBILE DEVICE WITHOUT SECURE ELEMENTS**
[54] **PROCEDE ET SYSTEME POUR GENERER UNE CLE DE STOCKAGE EVOLUEE DANS UN DISPOSITIF MOBILE SANS ELEMENTS SECURISES**
[72] COLLINGE, MEHDI, BE
[72] RADU, CRISTIAN, BE
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2016-06-09
[86] 2014-12-02 (PCT/US2014/068000)
[87] (WO2015/160385)
[30] US (61/979,113) 2014-04-14

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[51] **Int.Cl. C01F 7/30 (2006.01) C01F 7/42 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF ALUMINIUM OXIDE PARTICLES**
[54] **PROCEDE POUR LA PRODUCTION DE PARTICULES D'OXYDE D'ALUMINIUM**
[72] MYHRE, BJORN, NO
[72] DASTOL, MAGNE, NO
[73] ELKEM ASA, NO
[85] 2016-06-10
[86] 2015-02-09 (PCT/NO2015/050027)
[87] (WO2015/119508)
[30] NO (20140162) 2014-02-10

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[51] **Int.Cl. G06F 3/048 (2013.01) G06F 17/30 (2006.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SAVING AND PRESENTING A COMMUNICATION SESSION STATE**
[54] **ENREGISTREMENT ET PRESENTATION D'UN ETAT D'UNE SESSION DE COMMUNICATION**
[72] CARRILLO, ESMERALDA, US
[72] BRAMBILA, KRISTY, US
[72] GORDON, CASSANDRA, US
[72] BELTRAN, ENRICA MONTILLA, US
[72] SUNDARESAN, NEELAKANTAN, US
[73] EBAY INC., US
[85] 2016-06-10
[86] 2014-12-18 (PCT/US2014/071155)
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[30] US (14/137,085) 2013-12-20

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[25] EN
[54] **CARPET WASTE COMPOSITE**
[54] **COMPOSITE CONSTITUE DE DECHETS DE REVETEMENTS DE SOL**
[72] MANCOSH, DOUGLAS, US
[72] PRZYBYLINSKI, JAMES, US
[72] MURDOCK, DAVID E., US
[73] MATERIAL INNOVATIONS, LLC, US
[86] (2933740)
[87] (2933740)
[22] 2007-01-11
[62] 2,637,244
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[30] US (11/507,366) 2006-08-21
[30] US (11/514,303) 2006-08-31

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[13] C
[51] **Int.Cl. F03D 80/50 (2016.01) B23P 6/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IN-SITU RESURFACING OF A WIND TURBINE MAIN ROTOR SHAFT**
[54] **SYSTEME ET METHODE DE RESURFACAGE SUR PLACE D'UN ARBRE DE ROTOR PRINCIPAL D'UNE EOLIENNE**
[72] THOMAS, GREGORY CLARENCE, US
[72] OHL, RICHARD ARLAND, JR., US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2934090)
[87] (2934090)
[22] 2016-06-23
[30] US (14/755,152) 2015-06-30

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[13] C
[51] **Int.Cl. C07D 417/14 (2006.01) C07D 305/06 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF N-[(3-AMINOOXETAN-3-YL)METHYL]-2-(1,1-DIOXO-3,5-DIHYDRO-1,4-BENZOTHIAZEPIN-4-YL)-6-METHYL-QUINAZOLIN-4-AMINE**
[54] **PROCEDE POUR LA PREPARATION DE N-[(3-AMINOOXETAN-3-YL)METHYL]-2-(1,1-DIOXO-3,5-DIHYDRO-1,4-BENZOTHIAZEPIN-4-YL)-6-METHYL-QUINAZOLIN-4-AMINE**
[72] CHEN, JUNLI, CN
[72] REN, YI, CN
[72] SHE, JIN, CN
[72] WANG, LIN, CN
[72] YU, JIANHUA, CN
[72] ZHANG, GUOCAI, CN
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-06-16
[86] 2015-01-21 (PCT/EP2015/051066)
[87] (WO2015/110446)
[30] CN (PCT/CN2014/071331) 2014-01-24

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[13] C
[51] **Int.Cl. B60B 19/14 (2006.01) B60B 33/08 (2006.01) B62D 57/00 (2006.01)**
[25] EN
[54] **SPHERICAL WHEEL INTENDED FOR MOVING A VEHICLE AND VEHICLE USING THE WHEEL**
[54] **ROUE SPHERIQUE DESTINEE A MOUVOIR UN VEHICULE ET VEHICULE METTANT EN .UVRE LA ROUE**
[72] CLERC, VINCENT, FR
[72] ROUX, PHILIPPE, FR
[73] ALDEBARAN ROBOTICS, FR
[85] 2016-06-20
[86] 2014-12-18 (PCT/EP2014/078560)
[87] (WO2015/091856)
[30] FR (1363339) 2013-12-20

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[13] C
[51] Int.Cl. B65D 41/32 (2006.01) A61J 1/14 (2006.01)
[25] EN
[54] MEDICAL VIAL CAP
[54] BOUCHON DE FLACON MEDICAL
[72] FRISHMAN, ABE, US
[73] WORLD BOTTLING CAP, LLC, US
[86] (2934757)
[87] (2934757)
[22] 2014-02-04
[62] 2,899,358
[30] US (13/758,623) 2013-02-04
[30] US (14/098,208) 2013-12-05

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[13] C
[51] Int.Cl. B24B 55/02 (2006.01)
[25] EN
[54] COOLANT DELIVERY SYSTEM FOR GRINDING APPLICATIONS
[54] SYSTEME DE DISTRIBUTION DE LIQUIDE DE REFROIDISSEMENT POUR DES APPLICATIONS DE MEULAGE
[72] ROBERGE, BRUCE A., US
[72] HAGAN, JOHN S., US
[72] GRAHAM, DAVID C., US
[73] SAINT-GOBAIN ABRASIVES, INC., US
[73] SAINT-GOBAIN ABRASIFS, FR
[85] 2016-06-20
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[54] RAILCAR TRUCK ROLLER BEARING ADAPTER PAD SYSTEMS
[54] SYSTEMES DE PATIN D'ADAPTATEUR DE ROULEMENT A ROULEAUX DE BOGIE DE WAGON PORTE-RAILS
[72] GOTLUND, ERIK L., US
[72] JEAMBEY, JON R., US
[72] NIBOUAR, F. ANDREW, US
[72] PIKE, JAMES A., US
[72] BRYANT, JASON C., US
[72] STULL, JONATHAN A., US
[72] KURTZHALS, WILLIAM A., US
[72] MANIBHARATHI, ROSHAN N., US
[73] NEVIS INDUSTRIES LLC, US
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[54] METHOD AND APPARATUS FOR ANALYSIS OF ALKYLATION CATALYST COMPOSITION
[54] PROCEDE ET APPAREIL POUR L'ANALYSE DE LA COMPOSITION D'UN CATALYSEUR D'ALKYLATION
[72] TRYGSTAD, W. MARCUS, US
[73] YOKOGAWA CORPORATION OF AMERICA, US
[73] TRYGSTAD, W. MARCUS, US
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[54] TUBE DE GUIDAGE POUR TIGE DE FORAGE PLIABLE
[72] QUENTIN, VERNUS, FR
[72] RIPPE, OLIVIER, FR
[72] POURCENOUX, JEROME, FR
[73] SANDVIK MINING AND CONSTRUCTION LYON SAS, FR
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[54] SYSTEMS AND METHODS FOR FREQUENCY HOPPING IN WIRELESS COMMUNICATION SYSTEMS
[54] SYSTEMES ET PROCEDES DE SAUT DE FREQUENCE DANS DES SYSTEMES DE COMMUNICATIONS SANS FIL
[72] WILCZEWSKI, JEFFREY MICHAEL, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2016-07-07
[86] 2015-01-09 (PCT/US2015/010765)
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[25] EN
[54] **CONTAINER WITH OVERLAPPING FLAP SYSTEM AND CONTAINER BLANK FOR MAKING THE SAME**
[54] **CONTENANT COMPORTANT UN SYSTEME DE VOLET EN CHEVAUCHEMENT ET UNE EBAUCHE DE CONTENANT SERVANT A FABRIQUER LEDIT CONTENANT**
[72] VOLKMANN, WOLFGANG, CA
[73] VOLKMANN, WOLFGANG, CA
[86] (2936284)
[87] (2936284)
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[51] **Int.Cl. G06T 15/08 (2011.01) G06T 17/05 (2011.01) G01V 1/28 (2006.01)**
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[54] **VOLUME BODY RENDERER**
[54] **UNITE DE RENDU DE CORPS VOLUMIQUES**
[72] CALLEGARI, ANDRES C., US
[73] LANDMARK GRAPHICS CORPORATION, A HALLIBURTON COMPANY, US
[86] (2936413)
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[54] **MODULAR HOPPER TEE AND METHOD OF USING SAME**
[54] **RACCORD EN T DE TREMIE MODULAIRE ET SA METHODE D'UTILISATION**
[72] TUTOR, BRIAN, US
[73] BAILEY-PARKS URETHANE, INC., US
[86] (2936991)
[87] (2936991)
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[51] **Int.Cl. F21V 23/04 (2006.01) F21S 10/02 (2006.01)**
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[54] **DECORATIVE LIGHTING APPARATUS**
[54] **APPAREIL D'ECLAIRAGE DECORATIF**
[72] KHUBANI, AJIT, US
[72] PAN, YUN, US
[73] TELEBRANDS CORP., US
[85] 2016-07-26
[86] 2016-03-08 (PCT/US2016/021354)
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[30] US (14/976,202) 2015-12-21
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[25] EN
[54] **METHOD AND DEVICE FOR REDUCING THE GROWTH OF THERMOPHILIC BACTERIA IN HEAT EXCHANGERS OF DAIRY PROCESSING PLANTS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE REDUIRE LA CROISSANCE DES GERMES THERMOPHILES DANS LES ECHANGEURS DE CHALEUR D'INSTALLATIONS TECHNIQUES LAITIERES**
[72] ROLLE, ULRICH, DE
[72] ASSING, HUBERT, DE
[72] ZIMMERMANN, DIETRICH, DE
[72] TACKE, LUDGER, DE
[72] DRECKMANN, REINHOLD, DE
[73] GEA TDS GMBH, DE
[85] 2016-07-22
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[25] EN
[54] **COIN CELL COMPRISING TWO CASES**
[54] **PILE BOUTON COMPORTANT DEUX CASES**
[72] WANG, XIAOJUN, CH
[72] GULDIMANN, MARCEL, CH
[72] HAERING, PASCAL, CH
[73] RENATA AG, CH
[86] (2937791)
[87] (2937791)
[22] 2016-08-02
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[25] EN
[54] **METHODS FOR FILLING PRESCRIPTIONS TO FULFILL A CUSTOMER ORDER**
[54] **PROCEDES DE REMPLISSAGE D'ORDONNANCES POUR SATISFAIRE LA COMMANDE D'UN CLIENT**
[72] CARSON, BRADLEY, US
[72] SZESKO, MICHAEL J., US
[73] OMNICARE INC., US
[86] (2937902)
[87] (2937902)
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[25] EN
[54] REVERSIBLE-HINGE GREETING CARD WITH DUAL-ACTIVATED ELECTRONICS
[54] CARTE DE SOUHAITS A CHARNIERE REVERSIBLE DOTEE DE DISPOSITIFS ELECTRONIQUES A ACTIVATION DOUBLE
[72] FLUHARTY, CHARITY ROBIN, US
[72] JEROME, KAITLYN MARIE, US
[73] HALLMARK CARDS, INCORPORATED, US
[86] (2938550)
[87] (2938550)
[22] 2016-08-10
[30] US (15/178,252) 2016-06-09

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[51] Int.Cl. C21D 8/12 (2006.01) B23K 15/00 (2006.01) H01F 1/16 (2006.01) H01F 41/02 (2006.01)
[25] EN
[54] GRAIN-ORIENTED ELECTRICAL STEEL SHEET FOR LOW-NOISE TRANSFORMER, AND METHOD FOR MANUFACTURING SAID SHEET
[54] TOLE EN ACIER ELECTRIQUE ORIENTEE SELON LE GRAIN DESTINEE A UN TRANSFORMATEUR A FAIBLE BRUIT ET METHODE DE FABRICATION DE LADITE TOLE
[72] TODA, HIROAKI, JP
[72] TAKAJO, SHIGEHIRO, JP
[72] KOMATSUBARA, MICHIRO, JP
[73] JFE STEEL CORPORATION, JP
[85] 2016-08-10
[86] 2015-02-24 (PCT/JP2015/000934)
[87] (WO2015/129255)
[30] JP (2014-039169) 2014-02-28

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[51] Int.Cl. A63G 7/00 (2006.01) F16D 55/226 (2006.01) F16D 63/00 (2006.01)
[25] EN
[54] AMUSEMENT-PARK DEVICE HAVING A RAIL-GUIDED ROUTE COURSE AND HAVING AT LEAST ONE VEHICLE GUIDED ON THE RAIL
[54] DISPOSITIF DE DIVERTISSEMENT COMPORTANT UN CIRCUIT SUR RAIL ET AU MOINS UN VEHICULE GUIDE SUR RAIL
[72] MARKUS, BECHERER, DE
[72] LAESSLE, TIMO, DE
[73] MACK RIDES GMBH & CO. KG, DE
[85] 2016-08-10
[86] 2015-04-02 (PCT/EP2015/057356)
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[51] Int.Cl. E21B 43/12 (2006.01) E21B 49/08 (2006.01)
[25] EN
[54] COLUMN FLOW TESTING
[54] ESSAI D'ECOULEMENT DE COLONNE
[72] BURKS, JODY MARIE, US
[72] BENOIT, DENISE NICOLE, US
[72] PALLA-VENKATA, CHANDRA SEKHAR, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-17
[86] 2014-03-28 (PCT/US2014/032262)
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[25] EN
[54] AGITATION UNIT AND BEVERAGE PREPARATION APPARATUS
[54] UNITE D'AGITATION ET DISPOSITIF DE PRODUCTION DE BOISSON
[72] SHIMA, HIDEKAZU, JP
[72] MISUMI, MASARU, JP
[72] MIEDA, KIMIKO, JP
[72] SAKANE, YASUAKI, JP
[73] SHARP KABUSHIKI KAISHA, JP
[85] 2016-08-17
[86] 2015-08-25 (PCT/JP2015/073806)
[87] (WO2016/035605)
[30] JP (2014-180356) 2014-09-04
[30] JP (2014-180358) 2014-09-04
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[13] C
[51] Int.Cl. H01M 10/42 (2006.01) H01M 10/48 (2006.01) H02J 7/00 (2006.01)
[25] EN
[54] A METHOD AND APPARATUS FOR CONTROLLING ACCESS TO ONE OR MORE MEMORIES IN A RECHARGEABLE BATTERY
[54] PROCEDE ET APPAREIL POUR COMMANDER L'ACCES A UNE OU PLUSIEURS MEMOIRES DANS UNE BATTERIE RECHARGEABLE
[72] KERFOOT, ROY L., JR., US
[72] HERRMANN, JOHN E., US
[72] TARABOULOS, MARK C.,, US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2016-08-18
[86] 2015-02-10 (PCT/US2015/015107)
[87] (WO2015/130460)
[30] US (14/189,694) 2014-02-25

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[25] EN
[54] **2,4-DISUBSTITUTED PHENYLENE-1,5-DIAMINE DERIVATIVES AND APPLICATIONS THEREOF, AND PHARMACEUTICAL COMPOSITIONS AND PHARMACEUTICALLY ACCEPTABLE COMPOSITIONS PREPARED THEREFROM**
[54] **DERIVES DE 1,5-DIAMINE PHENYLENE 2,4-DISUBSTITUES ET LEURS APPLICATIONS, COMPOSITIONS PHARMACEUTIQUES ET COMPOSITIONS PHARMACEUTIQUEMENT ACCEPTABLES PREPAREES A PARTIR DE CES DERIVES**
[72] LAN, JIONG, CN
[72] JIN, YUNZHOU, CN
[72] ZHOU, FUSHENG, CN
[72] XIE, JING, CN
[72] SHEN, SIDA, CN
[72] HU, YI, CN
[72] LIU, WEI, CN
[72] LV, QIANG, CN
[73] SHANGHAI HAIYAN PHARMACEUTICAL TECHNOLOGY CO., LTD, CN
[73] YANGTZE RIVER PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2016-08-23
[86] 2015-02-13 (PCT/CN2015/073044)
[87] (WO2015/127872)
[30] CN (201410065195.8) 2014-02-25

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[51] **Int.Cl. A61K 8/19 (2006.01) A61K 8/21 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **SURFACE-REACTED CALCIUM CARBONATE FOR REMINERALISATION AND WHITENING OF TEETH**
[54] **CARBONATE DE CALCIUM TRAITE EN SURFACE POUR LA REMINERALISATION ET LE BLANCHIMENT ET DES DENTS**
[72] BUDDE, TANJA, CH
[72] GERARD, DANIEL E., CH
[72] GANE, PATRICK A. C., CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2016-08-29
[86] 2015-03-05 (PCT/EP2015/054580)
[87] (WO2015/150011)
[30] EP (14162818.0) 2014-03-31
[30] US (61/972,532) 2014-03-31

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[51] **Int.Cl. G01S 7/497 (2006.01) G01B 11/16 (2006.01) G01B 21/00 (2006.01) G01B 21/32 (2006.01) G01C 3/06 (2006.01) G01S 7/481 (2006.01) G01S 17/88 (2006.01)**
[25] EN
[54] **DISTANCE MEASURING APPARATUS AND DISTANCE MEASURING METHOD**
[54] **APPAREIL DE MESURE DE DISTANCE ET PROCEDE DE MESURE DE DISTANCE**
[72] NISHIDA, HIDETAKA, JP
[73] THE CHUGOKU ELECTRIC POWER CO., INC., JP
[85] 2016-09-01
[86] 2014-03-12 (PCT/JP2014/056564)
[87] (WO2015/136652)

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[51] **Int.Cl. A61M 16/06 (2006.01)**
[25] EN
[54] **FACIAL MASK AND METHOD OF MAKING**
[54] **MASQUE FACIAL ET PROCEDE DE FABRICATION**
[72] BACHELDER, VANCE D., US
[72] CARRILLO, JOSE, III, US
[73] MORPHEUS MEDICAL SOLUTIONS, LLC, US
[85] 2016-09-02
[86] 2015-03-06 (PCT/US2015/019191)
[87] (WO2015/138242)
[30] US (61/950,591) 2014-03-10
[30] US (62/010,528) 2014-06-11

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[13] C
[51] **Int.Cl. A61K 31/02 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATMENT OF CORNEAL DAMAGE**
[54] **COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DU SYNDROME DE L'OEIL SEC**
[72] THEISINGER, BASTIAN, DE
[72] THEISINGER, SONJA, DE
[72] GUNTHER, BERNHARD, DE
[73] NOVALIQ GMBH, DE
[86] (2941956)
[87] (2941956)
[22] 2010-12-13
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[30] EP (09015423.8) 2009-12-14

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[51] **Int.Cl. F16C 21/00 (2006.01) F16C 17/20 (2006.01) F16C 17/10 (2006.01) F16C 19/38 (2006.01)**
[25] EN
[54] **HYBRID SHAFT BEARING, WIND GENERATOR COMPRISING A HYBRID SHAFT BEARING, USE OF THE HYBRID SHAFT BEARING AND METHOD OF OPERATING THE HYBRID SHAFT BEARING**
[54] **PALIER D'ARBRE HYBRIDE, GENERATEUR EOLIEN RENFERMANT UN PALIER D'ARBRE HYBRIDE, UTILISATION DU PALIER D'ARBRE HYBRIDE ET METHODE DE FONCTIONNEMENT DU PALIER D'ARBRE HYBRIDE**
[72] MTAUWEG, SAMER, DE
[72] ARNDT, JOACHIM, DE
[72] PISCHEL, KLAUS, DE
[73] AREVA WIND GMBH, DE
[85] 2016-09-12
[86] 2015-03-20 (PCT/EP2015/055897)
[87] (WO2015/140286)
[30] EP (14160922.2) 2014-03-20

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[51] **Int.Cl. C22C 38/38 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/18 (2006.01) C23C 2/40 (2006.01)**
[25] EN
[54] **COLD-ROLLED FLAT STEEL PRODUCT AND METHOD FOR THE PRODUCTION THEREOF**
[54] **PRODUIT PLAT EN ACIER LAMINE A FROID ET SON PROCEDE DE FABRICATION**
[72] BONGARDS, ANDREAS, DE
[72] VOSS, SIGRUN, DE
[72] SEBALD, ROLAND, DE
[73] THYSSENKRUPP STEEL EUROPE AG, DE
[73] THYSSENKRUPP AG, DE
[85] 2016-09-14
[86] 2015-03-18 (PCT/EP2015/055686)
[87] (WO2015/144530)
[30] EP (14161607.8) 2014-03-25

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[51] **Int.Cl. E21B 41/00 (2006.01) F03B 13/02 (2006.01)**
[25] EN
[54] **DRILLING TURBINE POWER GENERATION**
[54] **PRODUCTION DE PUISSANCE DE TURBINE DE FORAGE**
[72] DOWNIE, ANDREW MCPHERSON, GB
[72] CRAMPTON, CHRISTOPHER PAUL, GB
[72] GAWSKI, VICTOR, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-09-16
[86] 2015-05-20 (PCT/US2015/031657)
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[30] US (14/304,182) 2014-06-13

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[51] **Int.Cl. D01F 6/34 (2006.01) D01F 1/10 (2006.01) D01F 6/14 (2006.01)**
[25] EN
[54] **FILAMENTS AND FIBROUS STRUCTURES EMPLOYING SAME**
[54] **ELEMENTS FIBREUX ET STRUCTURES FIBREUSES LES EMPLOYANT**
[72] MAO, MIN, US
[72] SIVIK, MARK ROBERT, US
[72] HAMERSKY, MARK WILLIAM, US
[72] DENOME, FRANK WILLIAM, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-09-20
[86] 2015-04-16 (PCT/US2015/026054)
[87] (WO2015/164159)
[30] US (61/982,469) 2014-04-22

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[51] **Int.Cl. A61F 9/009 (2006.01) A61F 9/008 (2006.01)**
[25] EN
[54] **MEASURING MODULE INCLUDING AN INTERFACE FOR COUPLING TO A LASER DEVICE**
[54] **MODULE DE MESURE COMPRENANT UNE INTERFACE POUR L'ACCOUPLEMENT A UN DISPOSITIF LASER**
[72] CHERKAS, NADZEYA, DE
[72] KADETOV, IRINA, DE
[72] KITTELMANN, OLAF, DE
[72] VOGLER, KLAUS, DE
[73] WAVELIGHT GMBH, DE
[85] 2016-09-22
[86] 2014-05-23 (PCT/EP2014/060675)
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[51] **Int.Cl. A61F 2/00 (2006.01) A61B 17/29 (2006.01)**
[25] EN
[54] **MEDICAL IMPLANT DELIVERY SYSTEM FOR SHEET-LIKE IMPLANT**
[54] **SYSTEME DE POSE D'IMPLANT MEDICAL POUR UN IMPLANT DE TYPE FEUILLE**
[72] ZENZ-OLSON, NATHANIEL, US
[73] ROTATION MEDICAL, INC., US
[85] 2016-10-13
[86] 2015-05-08 (PCT/US2015/029934)
[87] (WO2015/172052)
[30] US (61/991,001) 2014-05-09

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[13] C
[51] **Int.Cl. B60P 3/20 (2006.01) B60H 1/32 (2006.01) B60P 7/08 (2006.01) B62D 63/04 (2006.01) F16M 1/00 (2006.01) F24F 13/30 (2006.01) F25D 19/00 (2006.01)**
[25] EN
[54] **UNIVERSAL REFRIGERATION UNIT INSTALLATION BRACKET**
[54] **SUPPORT D'INSTALLATION DE MODULE DE REFRIGERATION UNIVERSEL**
[72] GRESS, DAVID L., US
[72] STOVER, CORBY L., US
[72] KINNEMAN, MATTHEW J., US
[73] MORGAN TRUCK BODY, LLC, US
[86] (2945833)
[87] (2945833)
[22] 2016-10-19
[30] US (62/244,077) 2015-10-20

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[51] **Int.Cl. F16D 65/092 (2006.01)**
[25] EN
[54] **BRAKE-LINING RETAINER, IN PARTICULAR FOR WHEEL BRAKE DISKS OF RAIL VEHICLES**
[54] **DISPOSITIF DE RETENUE DE GARNITURE DE FREIN, EN PARTICULIER POUR DES DISQUES DE FREIN DE ROUE DE VEHICULES SUR RAIL**
[72] DEMIRKOL, MUSA KERIM, DE
[72] MEHLAN, ANDREAS, DE
[72] IMHOF, PHILIPP, DE
[73] FAIVELEY TRANSPORT WITTEN GMBH, DE
[85] 2016-10-14
[86] 2015-04-14 (PCT/EP2015/058018)
[87] (WO2015/158685)
[30] DE (20 2014 101 811.5) 2014-04-16

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[13] C
[51] **Int.Cl. G05D 1/02 (2006.01) B61L 25/00 (2006.01) B61L 27/00 (2006.01) G08G 5/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEM FOR TIME OF ARRIVAL CONTROL USING AVAILABLE SPEED AUTHORITY**
[54] **PROCEDES ET SYSTEME POUR LE CONTROLE DE TEMPS D'ARRIVEE METTANT EN OEUVRE UNE AUTORITE DE VITESSE DISPONIBLE**
[72] KLOOSTER, JOEL KENNETH, US
[72] WICHMAN, KEITH DOUGLAS, US
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATED SCANNING OF MICROSCOPE SLIDES**
[54] **SYSTEME ET METHODE DE NUMERISATION INSTANTANEE DE LAMELLES DE MICROSCOPE**
[72] GELBART, WILLIAM, CA
[73] MOTIC CHINA GROUP CO., LTD., CN
[86] (2947218)
[87] (2947218)
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[25] EN
[54] **LAWN CARE VEHICLE BRAKE SYSTEM**
[54] **SYSTEME DE FREIN DE VEHICULE D'ENTRETIEN DE PELOUSE**
[72] BURNS, DUNCAN, US
[72] DWYER, SEAN, US
[73] HUSQVARNA AB, SE
[85] 2016-11-07
[86] 2014-05-08 (PCT/EP2014/059493)
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[25] EN
[54] **ELECTROCHEMICAL PROCESS AND SYSTEM FOR THE PRESERVATION OF PERISHABLE FOOD**
[54] **PROCEDE ET SYSTEME ELECTROCHIMIQUE POUR LA CONSERVATION DE DENREES PERISSABLES**
[72] SOLIS HERRERA, ARTURO, MX
[73] SOLIS HERRERA, ARTURO, MX
[85] 2016-11-07
[86] 2015-05-06 (PCT/IB2015/000650)
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[51] **Int.Cl. B65B 3/16 (2006.01) B65B 39/00 (2006.01)**
[25] EN
[54] **METHOD OF FILLING LIQUID CONTENT AND PACKING CONTAINER FILLED WITH LIQUID CONTENT**
[54] **PROCEDE DE REMPLISSAGE DE CONTENUS FLUIDES, ET RECIPIENT D'EMBALLAGE REMPLI DE CONTENUS FLUIDES**
[72] AKUTSU, YOSUKE, JP
[72] WASHIZAKI, TOSHIROU, JP
[72] IWAMOTO, SHINYA, JP
[73] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[85] 2016-11-07
[86] 2015-05-01 (PCT/JP2015/063132)
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[30] JP (2014-108663) 2014-05-27
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[51] **Int.Cl. G10L 19/08 (2013.01) G10L 21/007 (2013.01)**
[25] EN
[54] **CODING/DECODING METHOD, APPARATUS, AND SYSTEM**
[54] **METHODE DE CODAGE/DECODAGE, APPAREIL ET SYSTEME**
[72] WANG, BIN, CN
[72] LIU, ZEXIN, CN
[72] MIAO, LEI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-11-08
[86] 2015-03-20 (PCT/CN2015/074704)
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[51] **Int.Cl. C09C 1/02 (2006.01) C09C 3/04 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF CRUMBLES COMPRISING CALCIUM CARBONATE**
[54] **PROCEDE DE PREPARATION DE MIETTES COMPRENANT DU CARBONATE DE CALCIUM**
[72] FORNERA, TAZIO, CH
[72] LINDSTROM, OLA, SE
[72] CREMASCHI, ALAIN, FR
[72] HOPFL, WOLFGANG, DE
[72] ORTEN, ROLF ENDRE, NO
[73] OMYA INTERNATIONAL AG, CH
[85] 2016-11-08
[86] 2015-05-21 (PCT/EP2015/061229)
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[30] EP (14169923.1) 2014-05-26
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[25] EN
[54] **IMMUNOCONJUGATES WITH AN INTRACELLULARLY-CLEAVABLE LINKAGE**
[54] **IMMUNOCONJUGUES AVEC UNE LIAISON INTRACELLULAIRE CLIVABLE**
[72] GOVINDAN, SERENGULAM V., US
[72] MOON, SUNG-JU, US
[72] GOLDENBERG, DAVID M., US
[73] IMMUNOMEDICS, INC., US
[86] (2948693)
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[22] 2009-12-02
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[51] **Int.Cl. G06F 21/62 (2013.01)**
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[54] **METHODS AND DEVICES FOR KEY MANAGEMENT IN AN AS-A-SERVICE CONTEXT**
[54] **PROCEDES ET DISPOSITIFS DE GESTION DE CLE DANS UN CONTEXTE « EN TANT QUE SERVICE »**
[72] PARANN-NISSANY, GILAD, IL
[73] PORTICOR LTD., IL
[85] 2016-11-14
[86] 2015-06-23 (PCT/IL2015/050638)
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[30] US (62/015,547) 2014-06-23
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[25] EN
[54] **FOLDING ASSISTING ARM ASSEMBLY FOR LIFT GATES**
[54] **ENSEMBLE BRAS AUXILIAIRE DE PLIAGE POUR DES HAYONS**
[72] ABLABUTYAN, KARAPET, US
[73] MAXON INDUSTRIES, INC., US
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[51] **Int.Cl. A61F 5/37 (2006.01) F41H 5/08 (2006.01)**
[25] EN
[54] **FLEXIBLE NONVIOLENT INTERVENTION SHIELD**
[54] **DISPOSITIF DE PROTECTION D'INTERVENTION NON VIOLENTE SOUPLE**
[72] MALTAIS, HAROLD, CA
[73] MALTAIS, HAROLD, CA
[86] (2949404)
[87] (2949404)
[22] 2016-11-24

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[51] **Int.Cl. A61K 6/00 (2006.01) A61K 6/083 (2006.01)**
[25] EN
[54] **DENTAL ADHESIVE COMPRISING ASYMMETRIC ACRYLAMIDE-METHACRYLIC ACID ESTER COMPOUND**
[54] **ADHESIF DENTAIRE RENFERMANT UN COMPOSE D'ESTER D'ACIDE ACRYLAMIDE-METHACRYLIQUE ASYMETRIQUE**
[72] NOJIRI, YAMATO, JP
[72] TAKEI, MITSURU, JP
[73] KURARAY NORITAKE DENTAL INC., JP
[85] 2016-11-17
[86] 2015-06-10 (PCT/JP2015/002914)
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[25] EN
[54] **ADJUSTABLE CABINET HANDLE**
[54] **POIGNEE D'ARMOIRE AJUSTABLE**
[72] ABRAHAMS, SHORNA E., CA
[73] ABRAHAMS, SHORNA E., CA
[86] (2949829)
[87] (2949829)
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[54] **SUPPORT BAR**
[54] **BARRE DE SOUTIEN**
[72] HAGLEITNER, HANS GEORG, AT
[73] HAGLEITNER, HANS GEORG, AT
[85] 2016-11-22
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[51] **Int.Cl. B29C 45/16 (2006.01) B29C 45/56 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING RESIN MOLDED PRODUCT, MOLD FOR INJECTION MOLDING, INJECTION MOLDING MACHINE AND RESIN MOLDED PRODUCT**
[54] **METHODE DE FABRICATION D'UN PRODUIT MOULE EN RESINE, MOULE DE MOULAGE PAR INJECTION, MACHINE DE MOULAGE PAR INJECTION ET PRODUIT MOULE EN RESINE**
[72] OKAMOTO, AKIO, JP
[73] UBE MACHINERY CORPORATION, LTD., JP
[85] 2016-11-23
[86] 2015-01-13 (PCT/JP2015/050688)
[87] (WO2015/182162)
[30] JP (2014-111996) 2014-05-30
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[51] **Int.Cl. H04B 7/26 (2006.01)**
[25] EN
[54] **DOWNLINK SUBFRAME SHORTENING IN TIME-DIVISION DUPLEX (TDD) SYSTEMS**
[54] **RACCOURCISSEMENT DE SOUS-TRAMES DE LIAISON DESCENDANTE DANS DES SYSTEMES EN DUPLEXAGE PAR REPARTITION DANS LE TEMPS (TDD)**
[72] SAHLIN, HENRIK, SE
[72] ZHANG, QIANG, SE
[72] FURUSKOG, JOHAN, SE
[72] PARKVALL, STEFAN, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2016-05-27
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[25] EN
[54] **REDUCED-DIAMETER BRAKE ROTOR FOR HEAVY-DUTY VEHICLES**
[54] **ROTOR DE FREIN A DIAMETRE REDUIT POUR VEHICULES UTILITAIRES LOURDS**
[72] WHITE, JAY D., US
[73] HENDRICKSON USA, L.L.C., US
[85] 2016-12-16
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[87] (WO2015/196037)
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[54] **OZONE GENERATING SYSTEM AND OPERATION METHOD THEREOF**
[54] **SYSTEME DE GENERATION D'OZONE ET SON PROCEDE DE FONCTIONNEMENT**
[72] WADA, NOBORU, JP
[72] INANAGA, YASUTAKA, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2016-12-21
[86] 2015-04-15 (PCT/JP2015/061533)
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[25] EN
[54] **ORTHOPEDIC JOINT DISTRACTION DEVICE**
[54] **DISPOSITIF DE DISTRACTION D'ARTICULATION ORTHOPEDIQUE**
[72] TODOROV, ALEXANDER, US
[72] PLASKOS, CHRISTOPHER, US
[72] JOLY, CHRISTIAN, US
[72] NICHOLS, MARTIN JOSEPH, US
[72] LEGER, FREDERIC, FR
[73] OMNILIFE SCIENCE, INC., US
[85] 2016-12-30
[86] 2016-03-23 (PCT/US2016/023838)
[87] (WO2016/154356)
[30] US (62/137,615) 2015-03-24
[30] US (62/218,840) 2015-09-15
[30] US (62/300,597) 2016-02-26
[30] US (62/309,711) 2016-03-17

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[25] EN
[54] **RESERVOIR TREATMENT FLUID**
[54] **FLUIDE DE TRAITEMENT DE RESERVOIR**
[72] MIRZAEI, AMIR A., CA
[72] RAD, HIRBOD, CA
[73] UNIQUEM INC., CA
[85] 2017-01-13
[86] 2015-07-14 (PCT/CA2015/000431)
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[30] US (62/024,155) 2014-07-14

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[25] EN
[54] **FRESH WATER DEGRADABLE DOWNHOLE TOOLS COMPRISING MAGNESIUM AND ALUMINUM ALLOYS**
[54] **OUTILS DE FORAGE DEGRADABLES A L'EAU DOUCE COMPRENANT DES ALLIAGES DE MAGNESIUM ET D'ALUMINIUM**
[72] FRIPP, MICHAEL LINLEY, US
[72] WALTON, ZACHARY WILLIAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-16
[86] 2015-08-13 (PCT/US2015/044985)
[87] (WO2016/032758)
[30] US (PCT/US2014/053185) 2014-08-28

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[51] **Int.Cl. H03J 7/18 (2006.01) H03M 1/12 (2006.01) H04B 1/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ULTRA WIDEBAND RADIO FREQUENCY SCANNING AND SIGNAL GENERATION**
[54] **SYSTEME ET PROCEDE DE BALAYAGE DE FREQUENCES RADIO EN BANDE ULTRA LARGE ET DE GENERATION DE SIGNAUX**
[72] YENSEN, TREVOR NOEL, CA
[72] CORKERY, TRAVIS PATRICK, CA
[73] ALLEN-VANGUARD CORPORATION, CA
[85] 2017-01-18
[86] 2014-07-25 (PCT/CA2014/050707)
[87] (WO2016/011525)

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[13] C
[51] **Int.Cl. A61K 31/138 (2006.01) A61K 31/46 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS AND METHODS FOR THE TREATMENT OF SYMPTOMS OF PANIC AND ANXIETY USING BETA ADRENERGIC RECEPTOR ANTAGONIST AND MUSCARINIC RECEPTOR ANTAGONIST COMBINATIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES ET PROCEDE POUR LE TRAITEMENT DE SYMPTOMES DE PANIQUE ET D'ANXIETE AU MOYEN DE COMBINAISONS D'UN ANTAGONISTE DE RECEPTEUR BETA-ADRENERGIQUE ET D'UN ANTAGONISTE DE RECEPTEUR MUSCARINIQUE**
[72] DOOLEY, THOMAS P., US
[73] DOOLEY, THOMAS P., US
[85] 2017-01-18
[86] 2015-02-05 (PCT/US2015/014657)
[87] (WO2016/014117)
[30] US (62/027,375) 2014-07-22
[30] US (62/052,600) 2014-09-19
[30] US (62/055,209) 2014-09-25

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[51] **Int.Cl. B25J 17/02 (2006.01) B25J 19/00 (2006.01) H02G 11/02 (2006.01)**
[25] EN
[54] **IMPROVEMENT TO THE ASSEMBLY OF A ROBOT OF HUMANOID NATURE**
[54] **AMELIORATION DE L'ASSEMBLAGE D'UN ROBOT A CARACTERE HUMANOIDE**
[72] PATEROMICHELAKIS, NIKOLAOS, FR
[73] SOFTBANK ROBOTICS EUROPE, FR
[85] 2017-01-30
[86] 2015-07-28 (PCT/EP2015/067267)
[87] (WO2016/016239)
[30] FR (1457367) 2014-07-30

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[51] **Int.Cl. G01B 21/16 (2006.01) G01B 7/14 (2006.01)**
[25] EN
[54] **ELECTRONIC SELF-CALIBRATION FOR SENSOR CLEARANCE**
[54] **AUTO-ETALONNAGE ELECTRONIQUE POUR JEU DE CAPTEUR(S)**
[72] ANDARAWIS, EMAD ANDARAWIS, US
[72] HASZ, WAYNE CHARLES, US
[72] CHAN, DAVID SO KEUNG, US
[72] SHADDOCK, DAVID MULFORD, US
[72] DOWN, JOHN HARRY, US
[72] DASGUPTA, SAMHITA, US
[72] ESLER, DAVID RICHARD, US
[72] REN, ZHIYUAN, US
[72] BALASUBRAMANIAM, MAHADEVAN, US
[72] KOUADA, IBRAHIM ISSOUFOU, US
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **HEATING UNIT FOR AN APPLIANCE FOR HEATING AND/OR FROTHING MILK**
[54] **MODULE DE CHAUFFAGE DESTINE A UN ELECTROMENAGER EN VUE DE CHAUFFER OU MOUSSER DU LAIT**
[72] LOCHER, GREGOIRE, CH
[73] EVERSYS HOLDING SA, CH
[86] (2957665)
[87] (2957665)
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[25] EN
[54] **SILENCER FOR VACUUM SYSTEM OF A WOUND DRAINAGE APPARATUS**
[54] **SILENCIEUX POUR SYSTEME DE VIDE D'UN APPAREIL DE DRAINAGE DES PLAIES**
[72] MIDDLETON, MAX, GB
[72] JACOB, STEPHEN, GB
[73] SMITH & NEPHEW PLC, GB
[86] (2958422)
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[25] EN
[54] **AUTOMATIC TRANSMISSION, CONTROL METHOD OF AUTOMATIC TRANSMISSION, VEHICLE AND CONTROL METHOD OF VEHICLE**
[54] **TRANSMISSION AUTOMATIQUE, METHODE DE COMMANDE DE TRANSMISSION AUTOMATIQUE, VEHICULE ET METHODE DE COMMANDE DE VEHICULE**
[72] MUTO, AKIO, JP
[72] TAKA, SHOHEI, JP
[72] ARAKI, MITSUHIRO, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2958730)
[87] (2958730)
[22] 2017-02-22
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[54] **SPECIAL EFFECTS TECHNIQUES**
[54] **TECHNIQUES D'EFFETS SPECIAUX**
[72] CORTELYOU, ROBERT J., US
[72] ZIELKOWSKI, AMANDA, US
[73] UNIVERSAL CITY STUDIOS LLC, US
[85] 2017-02-23
[86] 2015-08-26 (PCT/US2015/046999)
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[30] US (62/042,106) 2014-08-26
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[51] **Int.Cl. G01N 33/574 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **USE OF 2 ANTI-SPARC ANTIBODIES TO PREDICT RESPONSE TO CHEMOTHERAPY**
[54] **UTILISATION DE 2 ANTICORPS ANTI-SPARC EN VUE DE PREVOIR LA REACTION A UNE CHIMIOTHERAPIE**
[72] TRIEU, VUONG, US
[72] DESAI, NEIL, US
[72] KNAUER, DANIEL, US
[73] ABRAXIS BIOSCIENCE, LLC, US
[86] (2960887)
[87] (2960887)
[22] 2010-05-28
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[30] US (61/182,081) 2009-05-28

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[51] **Int.Cl. C09C 1/02 (2006.01)**
[25] EN
[54] **PROCESS FOR IMPROVING PARTICLE SIZE DISTRIBUTION OF CALCIUM CARBONATE-COMPRISING MATERIAL**
[54] **PROCEDE POUR AMELIORER LA DISTRIBUTION GRANULOMETRIQUE D'UN MATERIAU CONTENANT DU CARBONATE DE CALCIUM**
[72] POHL, MICHAEL, AT
[72] RAINER, CHRISTIAN, AT
[72] BRUNNER, MARTIN, CH
[72] SPEHN, JURGEN, CH
[72] TINKL, MICHAEL, CH
[72] WERNER, DENNIS, CH
[72] SENTI-WENK, ARMELLE, CH
[72] GOUTARD, EMMANUEL, FR
[73] OMYA INTERNATIONAL AG, CH
[85] 2017-03-23
[86] 2015-09-28 (PCT/EP2015/072275)
[87] (WO2016/050698)
[30] EP (14186967.7) 2014-09-30
[30] US (62/061,218) 2014-10-08
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[25] EN
[54] **DEGENERATIVE VALVULAR DISEASE SPECIFIC ANNULOPLASTY RINGS**
[54] **ANNEAUX D'ANNULOPLASTIE SPECIFIQUES POUR VALVULOPATHIE DEGENERATIVE**
[72] CARPENTIER, ALAIN F., US
[72] ADAMS, DAVID H., US
[72] ADZICH, VASO, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[86] (2964035)
[87] (2964035)
[22] 2009-05-08
[62] 2,723,881
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[51] **Int.Cl. B29C 45/17 (2006.01)**
[25] EN
[54] **POST-MOLD RETAINING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE RETENUE POST-MOULE**
[72] SCHAD, ROBERT D., CA
[72] SICILIA, ROBERTO D., CA
[73] ATHENA AUTOMATION LTD., CA
[85] 2017-04-21
[86] 2015-10-21 (PCT/CA2015/051064)
[87] (WO2016/061682)
[30] US (62/066,712) 2014-10-21

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[51] **Int.Cl. H04N 5/76 (2006.01) A63B 69/00 (2006.01) A63B 71/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROGRAMMABLE LOOP RECORDING**
[54] **PROCEDE ET SYSTEME D'ENREGISTREMENT EN BOUCLES PROGRAMMABLES**
[72] ARMS, STEVEN, US
[73] SWARMS VENTURES, LLC, US
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[54] **OUTIL DE FOND DE TROU A CHARGE PROPULSIVE**
[72] OAG, JAMIE, GB
[72] YOUNGER, RAE, GB
[72] JOHNSTON, SIDNEY DANTUMA, GB
[73] SPEX CORPORATE HOLDINGS LIMITED, GB
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[54] **IDENTITY AND PHONE NUMBER VERIFICATION**
[54] **VERIFICATION D'IDENTITE ET DE NUMERO DE TELEPHONE**
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[72] MUSURUANA, ENRICO, GB
[72] COOK, PAUL HARRY, GB
[72] NADALIN, ERIC, GB
[73] NEXMO, INC., US
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[54] **MOBILE ELECTRIC POWER GENERATION FOR HYDRAULIC FRACTURING OF SUBSURFACE GEOLOGICAL FORMATIONS**
[54] **GENERATION D'ENERGIE ELECTRIQUE MOBILE POUR FRACTURATION HYDRAULIQUE DE FORMATIONS GEOLOGIQUES SOUS LA SURFACE**
[72] MORRIS, JEFFREY G., US
[72] BODISHBAUGH, ADRIAN BENJAMIN, US
[73] EVOLUTION WELL SERVICES, LLC, US
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[86] 2015-12-16 (PCT/US2015/066133)
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[54] **ROTARY CHANGER**
[54] **APPAREIL D'ECHANGE ROTATIF**
[72] HUYNH, HUU THINH, JP
[72] MARAKKALA MANAGE, ANURA SILVA, JP
[73] TIPMAN CO., LTD., JP
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[54] **LACROSSE HEAD POCKET AND RELATED METHOD OF MANUFACTURE**
[54] **POCHE DE TETE DE CROSSE ET PROCEDE CONNEXE DE FABRICATION**
[72] BURNS, THOMAS H., US
[72] SLATER, SEAN S., US
[72] KOHLER, DALE W., US
[72] HERMAN, CRAIG M., US
[72] JANISSE, RICHARD J., CA
[73] WARRIOR SPORTS, INC., US
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[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM**
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DU MELOXICAM**
[72] TABUTEAU, HERRIOT, US
[73] AXSOME THERAPEUTICS, INC., US
[85] 2017-08-09
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[25] EN
[54] **START CONTROL DEVICE FOR SADDLED VEHICLE**
[54] **DISPOSITIF DE CONTROLE DE DEMARRAGE DESTINE A UN VEHICULE A SELLE**
[72] KOYAMA, KATSUMI, JP
[72] UEMATSU, HIDEKI, JP
[72] KOBAYASHI, FUYUKI, JP
[72] AZUMAGAKITO, ISAO, JP
[72] YAMAMOTO, KATSUMI, JP
[72] OGINO, KAZUMASA, JP
[73] HONDA MOTOR CO., LTD., JP
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[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING ADAPTIVE SYNCHRONIZATION OF LTE COMMUNICATION SYSTEMS**
[54] **SYSTEME ET METHODE DE FOURNITURE DE SYNCHRONISATION ADAPTATIVE DE SYSTEMES DE COMMUNICATION LTE**
[72] EL-KEYI, AMR, CA
[72] YANIKOMEROGLU, HALIM, CA
[72] URETEN, OKTAY, CA
[72] YENSEN, TREVOR N., CA
[73] ALLEN-VANGUARD CORPORATION, CA
[86] (2976563)
[87] (2976563)
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[54] **APPAREIL ET PROCEDE POUR LE TRAITEMENT D'ECHANTILLONS BIOLOGIQUES**
[72] LEMME, CHARLES D., US
[72] RICHARDS, WILLIAM, US
[72] WARD, GLEN, US
[72] ASHBY, AUSTIN, US
[72] GHUSSON, ANDREW, US
[72] JENSEN-LONG, LISA, US
[72] KNAPP, KEVIN, US
[72] KUGIZAKI, RODNEY, US
[72] LARSON, ALAIN, US
[72] RICHARDS, PAUL, US
[72] SHOWALTER, WAYNE, US
[72] WILKINSON, CHAD, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
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[25] EN
[54] **HYDRAULIC CONTROL DEVICE FOR DRIVE POWER DISTRIBUTION DEVICE**
[54] **DISPOSITIF DE COMMANDE HYDRAULIQUE POUR DISPOSITIF DE DISTRIBUTION D'ENERGIE D'ENTRAINEMENT**
[72] YOSHIDA, YUMA, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2017-08-16
[86] 2016-02-16 (PCT/JP2016/054430)
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[25] EN
[54] **IMAGE ENCODING DEVICE, IMAGE DECODING DEVICE, IMAGE ENCODING METHOD, AND IMAGE DECODING METHOD**
[54] **DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, PROCEDE DECODAGE D'IMAGE ET PROCEDE DE DECODAGE D'IMAGE**
[72] MINEZAWA, AKIRA, JP
[72] SUGIMOTO, KAZUO, JP
[72] SEKIGUCHI, SHUNICHI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[25] EN
[54] **TEMPERATURE ESTIMATION DEVICE AND TEMPERATURE ESTIMATION METHOD FOR CONTACTLESS POWER-RECEPTION DEVICE**
[54] **DISPOSITIF D'ESTIMATION DE TEMPERATURE ET PROCEDE D'ESTIMATION DE TEMPERATURE POUR DISPOSITIF DE RECEPTION DE PUISSANCE SANS CONTACT**
[72] OZAKI, MICHIO, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **LED LAMP WITH A FLEXIBLE HEAT SINK**
[54] **LAMPE DEL DOTEE D'UN PUITS THERMIQUE FLEXIBLE**
[72] ELWELL, JAMES P., US
[72] QUICK, TRENT, US
[72] XU, BAOZHOU, US
[73] PUTCO, INC., US
[86] (2981906)
[87] (2981906)
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[25] EN
[54] **TITANATE INTERFACIAL LAYERS IN PEROVSKITE MATERIAL DEVICES**
[54] **COUCHES INTERFACIALES DE TITANATE DANS DES DISPOSITIFS A MATERIAUX PEROVSKITES**
[72] IRWIN, MICHAEL D., US
[72] CHUTE, JERRED A., US
[72] DHAS, VIVEK V., US
[73] HEE SOLAR, L.L.C., US
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[54] **POWER CONDITIONING SYSTEM AND CONTROL METHOD THEREFOR**
[54] **SYSTEME DE REGLAGE DE COURANT ET SON PROCEDE DE COMMANDE**
[72] MATSUMOTO, MICHIHIKO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-11-17
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[54] **ACCELERATOR FOR DEEP NEURAL NETWORKS**
[54] **ACCELERATEUR POUR RESEAUX NEURONAUX PROFONDS**
[72] JUDD, PATRICK, CA
[72] ALBERICIO, JORGE, US
[72] DELMAS LASCORZ, ALBERTO, CA
[72] MOSHOVOS, ANDREAS, CA
[72] SHARIFY, SAYEH, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[54] **ACCELERATEUR POUR DES RESEAUX NEURONAUX PROFONDS**
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[72] ALBERICIO, JORGE, US
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[25] EN
[54] **BREAKER DEVICE FOR ACTING ONTO A CLOSURE ELEMENT OF A MEDICAL TUBING**
[54] **DISPOSITIF DE COUPURE POUR AGIR SUR UN ELEMENT DE FERMETURE D'UNE TUBULURE MEDICALE**
[72] BRUCKNER, THOMAS, DE
[72] HENNECKE, CHRISTIAN, DE
[72] JUKOVIC, SAFET, DE
[73] FRESENIUS KABI DEUTSCHLAND GMBH, DE
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[54] **VEHICLE CAMERA SYSTEM**
[54] **SYSTEME DE CAMERA DE VEHICULE**
[72] BOUDREAU, WILFRED CHARLES, US
[72] WILLIAMS, MICHAEL E., US
[72] HOSLER, BRIAN NEAL, US
[72] LEVELL, JONATHAN CHARLES, US
[73] COBRA ELECTRONICS CORPORATION, US
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[25] EN
[54] **GRAIN CART WITH FOLDING AUGER**
[54] **CHARIOT A GRAIN DOTE D'UNE VIS A GRAIN PLIANTE**
[72] VAN MILL, MICHAEL D., US
[72] SCHLIMGEN, RONALD J., US
[72] WALVATNE, JOHN, US
[72] SELF, CHRISTOPHER M., US
[73] UNVERFERTH MANUFACTURING COMPANY, INC., US
[86] (2998899)
[87] (2998899)
[22] 2010-02-09
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[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING THE SUBJECTIVE REFRACTION PROPERTIES OF AN EYE**
[54] **PROCEDE ET DISPOSITIF POUR DETERMINER LES PROPRIETES DE REFRACTION SUBJECTIVES D'UN □IL**
[72] OHLENDORF, ARNE, DE
[72] WAHL, SIEGFRIED, DE
[72] CABEZA GUILLEN, JESUS-MIGUEL, DE
[73] CARL ZEISS VISION INTERNATIONAL GMBH, DE
[85] 2018-03-21
[86] 2016-09-22 (PCT/EP2016/072607)
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[30] DE (10 2015 116 110.9) 2015-09-23

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[13] C
[51] **Int.Cl. F01N 3/28 (2006.01)**
[25] EN
[54] **A UREA INJECTION APPARATUS FOR EXHAUST POST-TREATMENT OF DIESEL ENGINE**
[54] **UN APPAREIL D'INJECTION D'UREE DESTINE AU POST-TRAITEMENT D'ECHAPPEMENT DE MOTEUR DIESEL**
[72] TIAN, WEI, CN
[72] ZHANG, XUN, CN
[72] PAN, SUOZHU, CN
[72] QIU, PENG, CN
[72] HAN, ZHIQIANG, CN
[72] HAN, WEIQIANG, CN
[72] WU, XUESHUN, CN
[73] XIHUA UNIVERSITY, CN
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[86] 2016-10-20 (PCT/CN2016/102666)
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[30] CN (201510686625.2) 2015-10-20

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[25] EN
[54] **ELECTRONIC ROUNDSLING INSPECTION, LOAD MONITORING AND WARNING SYSTEM**
[54] **INSPECTION ELECTRONIQUE D'ELINGUE TUBULAIRE, SYSTEME DE SURVEILLANCE DE CHARGE ET D'AVERTISSEMENT**
[72] ST. GERMAIN, SCOTT, US
[72] D'ELIA, GREGORY, US
[72] UCKUN, SERDAR, US
[73] SLINGMAX TECHNOLOGIES LLC, US
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[86] 2016-10-14 (PCT/US2016/056949)
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[25] EN
[54] **CRUISE EFFICIENT VERTICAL AND SHORT TAKE-OFF AND LANDING AIRCRAFT**
[54] **AERONEF A DECOLLAGE ET ATTERRISSAGE VERTICAUX ET COURTS EFFICACE EN VOL DE CROISIERE**
[72] BAILIE, WILLIAM, CA
[71] BAILIE, WILLIAM, CA
[22] 2017-02-20
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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR PROVIDING TARGETED DYNAMIC OFFERS BASED ON A LIST OF ITEMS**
[54] **UN SYSTEME ET UNE METHODE DE PRESENTATION D'OFFRES DYNAMIQUES CIBLEES FONDEES SUR UNE LISTE D'ARTICLES**
[72] UNKNOWN, ZZ
[71] NANCOO, KEFIM A., CA
[22] 2017-02-20
[41] 2018-08-20

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[13] A1
[51] **Int.Cl. G16H 50/20 (2018.01) A61B 90/00 (2016.01) G16H 10/60 (2018.01) A61B 5/00 (2006.01)**
[25] EN
[54] **BACK-UP DOCTOR PROGRAM; STEPS TO PREVENT MISMEDICINE**
[54] **PROGRAMME DE SAUVEGARDE POUR MEDECINS; MESURES POUR PREVENIR LES ERREURS DE DIAGNOSTIC**
[72] KHAN MOHAMMAD BEIGI, POOYA, CA
[71] KHAN MOHAMMAD BEIGI, POOYA, CA
[22] 2017-02-20
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[51] **Int.Cl. B62D 51/04 (2006.01) B62D 49/00 (2006.01) B62D 53/08 (2006.01) B66F 5/00 (2006.01) B66F 19/00 (2006.01)**
[25] EN
[54] **POWERED TRAILER MOVING DEVICE**
[54] **DISPOSITIF DE DEPLACEMENT DE REMORQUE MOTORISE**
[72] GRINDER, DANIEL A., CA
[71] GRINDER, DANIEL A., CA
[22] 2017-02-20
[41] 2018-08-20

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[13] A1
[51] **Int.Cl. F03D 80/00 (2016.01) B62D 63/06 (2006.01) E04G 21/32 (2006.01) E04H 9/16 (2006.01)**
[25] EN
[54] **WIND TURBINE ACCESS - ICE PROTECTION SHELTER**
[54] **ABRI D'ACCES A UNE EOLIENNE EN CONDITIONS GLACEES**
[72] UNKNOWN, ZZ
[71] EAST COAST WIND, CA
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[41] 2018-08-21

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[13] A1
[51] **Int.Cl. G01G 11/00 (2006.01) E04C 1/00 (2006.01) G01B 21/30 (2006.01) G01N 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INSPECTION OF CONCRETE BLOCKS**
[54] **SYSTEME ET METHODE D'INSPECTION DE BLOCS DE BETON**
[72] SAINDON, PIERRE-LUC, CA
[72] SAINDON, CHRISTIAN, CA
[72] GILBERT, MARCO, CA
[72] NOLET, PATRICK, CA
[71] NEOCULUS TECHNOLOGIE INC., CA
[22] 2017-02-21
[41] 2018-08-21

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[13] A1
[51] **Int.Cl. A45C 11/32 (2006.01) A44B 15/00 (2006.01)**
[25] EN
[54] **KEY HOLDER CASE**
[54] **BOITIER PORTE-CLE**
[72] KRYS, WILLIAM G., CA
[71] WILLIAM G. KRYS PROFESSIONAL CORPORATION, CA
[22] 2017-02-21
[41] 2018-08-21

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[13] A1
[51] **Int.Cl. F03G 7/05 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR LOAD BALANCING TRAPPED SOLAR ENERGY**
[54] **METHODE ET APPAREIL D'EQUILIBRAGE DE CHARGE D'ENERGIE SOLAIRE PIEGEE**
[72] BAIRD, JAMES R., CA
[71] BAIRD, JAMES R., CA
[22] 2017-02-21
[41] 2018-08-21

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[13] A1
[51] **Int.Cl. A47J 43/18 (2006.01) A47J 33/00 (2006.01) A47J 37/04 (2006.01)**
[25] EN
[54] **THE REAL CANADIAN HOT DOG STICK**
[54] **LE VRAI BATON DE HOT DOG CANADIEN**
[72] BERGER LEE, JAMES, CA
[71] BERGER LEE, JAMES, CA
[22] 2017-02-21
[41] 2018-08-21

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[13] A1
[51] **Int.Cl. A61F 5/56 (2006.01) A61G 7/07 (2006.01)**
[25] EN
[54] **ANTI-SNORING SYSTEMS**
[54] **DISPOSITIFS ANTIRONFLEMENT**
[72] CUZZETTO, MARK, CA
[71] CUZZETTO, MARK, CA
[22] 2017-02-22
[41] 2018-08-22

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[51] **Int.Cl. F25D 25/00 (2006.01) F25C 5/182 (2018.01) F25D 3/02 (2006.01) F25D 21/14 (2006.01)**
[25] EN
[54] **COOLER SOLUTION MAT**
[54] **TAPIS DE SOLUTION REFRIGERANTE**
[72] UNKNOWN, ZZ
[71] GUNDERSON, JORDON C., CA
[71] GUNDERSON, DEVIN A., CA
[22] 2017-02-22
[41] 2018-08-22

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[13] A1
[51] **Int.Cl. E06B 7/00 (2006.01) E06B 3/00 (2006.01)**
[25] EN
[54] **CONCEALABLE INSULATED WINDOW PANEL**
[54] **PANNEAU DE VITRAGE ISOLE DISSIMULABLE**
[72] PUETZ, BRIAN M., CA
[71] PUETZ, BRIAN M., CA
[22] 2017-02-23
[41] 2018-08-23

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[13] A1
[51] **Int.Cl. B01J 20/28 (2006.01) B01J 20/26 (2006.01) B32B 3/24 (2006.01)**
[25] EN
[54] **LIQUID ABSORBENT SOCK AND METHOD OF MANUFACTURE THEREOF**
[54] **CHAUSSETTE ABSORBANT LE LIQUIDE ET SA METHODE DE FABRICATION**
[72] FASCIO, CARLO, CA
[71] CAN-ROSS ENVIRONMENTAL SERVICES LTD., CA
[22] 2017-02-22
[41] 2018-08-22

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[13] A1
[51] **Int.Cl. G06F 21/10 (2013.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR INTEGRATING DIGITAL RIGHTS MANAGEMENT INTO AN EXISTING BLOCKCHAIN**
[54] **METHODES ET DISPOSITIF D'INTEGRATION DE LA GESTION DE DROITS NUMERIQUES DANS UNE CHAINE DE BLOCS EXISTANTE**
[72] MARION, SIMON-PIERRE, CA
[71] SCENAREX INC., CA
[22] 2017-02-23
[41] 2018-08-23

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[13] A1
[51] **Int.Cl. F23D 14/72 (2006.01) F23M 11/00 (2006.01) F23N 5/00 (2006.01) F23N 5/24 (2006.01)**
[25] EN
[54] **INTEGRATED BURNER ASSEMBLY**
[54] **APPAREIL BRULEUR INTEGRE**
[72] ALDRICH, CHRIS, CA
[71] ALDRICH, CHRIS, CA
[22] 2017-02-22
[41] 2018-08-22

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[13] A1
[51] **Int.Cl. A45D 33/34 (2006.01)**
[25] EN
[54] **POWDER PUFF ASSEMBLY**
[54] **ENSEMBLE DE HOUPPETTE**
[72] LU, HSIU-OU, TW
[71] FASHION BEAUTY COSMETECH CO., LTD., CN
[22] 2017-02-22
[41] 2018-08-22

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[13] A1
[51] **Int.Cl. E02F 9/22 (2006.01) E02F 3/40 (2006.01)**
[25] EN
[54] **MATERIAL HANDLER "BUCKET" IMPLEMENT FOR A TRACK EXCAVATOR BLADE**
[54] **ACCESSOIRE DE « SEAU » DE MANUTENTION DE MATERIAU DESTINE A UNE LAME D'EXCAVATEUR A CHENILLE**
[72] KARCH, DANNY, CA
[72] KAPASI, PAUL, CA
[71] KARCH, DANNY, CA
[22] 2017-02-23
[41] 2018-08-23

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[13] A1
[51] **Int.Cl. A63B 5/16 (2006.01) A63B 23/04 (2006.01)**
[25] EN
[54] **JUMPING ASSISTANCE SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'AIDE AU SAUT**
[72] ALLEN, DAMIEN, CA
[71] ALLEN, DAMIEN, CA
[22] 2017-02-23
[41] 2018-08-23

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[13] A1
[51] **Int.Cl. B64G 1/28 (2006.01) B33Y 80/00 (2015.01) B64G 1/38 (2006.01) G01C 9/00 (2006.01) G01P 3/26 (2006.01)**
[25] EN
[54] **SPHERICAL FLUID-MOMENTUM ACTUATOR FOR ATTITUDE MANEUVERING AND STABILIZATION OF SPACE VEHICLES**
[54] **ACTIONNEUR A QUANTITE DE MOUVEMENT DE FLUIDE SPHERIQUE DESTINE A LA MANOEUVRE D'ATTITUDE ET LA STABILISATION DE VEHICULES SPACIAUX**
[72] ETEMADI, SOBHAN, CA
[72] KUMAR, KRISHNA D., CA
[71] ETEMADI, SOBHAN, CA
[71] KUMAR, KRISHNA D., CA
[22] 2017-02-23
[41] 2018-08-23

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[13] A1
[51] **Int.Cl. B25J 15/08 (2006.01) B25J 9/18 (2006.01) B25J 15/02 (2006.01)**
[25] EN
[54] **DESIGN OF FAULT-TOLERANT DEXTEROUS HAND WITH MULTI-FINGERS**
[54] **MODELE DE MAIN AGILE TOLERANT LA DEFAILLANCE DOTEE DE PLUSIEURS DOIGTS**
[72] KUMAR, KRISHNA D., CA
[72] TANG, XIAOTENG, CA
[71] KUMAR, KRISHNA D., CA
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[13] A1
[51] **Int.Cl. B25H 3/02 (2006.01) B65D 81/18 (2006.01)**
[25] EN
[54] **HEATED TOOL BOX**
[54] **COFFRE A OUTILS CHAUFFE**
[72] BARTELS, SCOTT S.B., CA
[71] BARTELS, SCOTT S.B., CA
[22] 2017-02-23
[41] 2018-08-23

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[13] A1
[51] **Int.Cl. G05B 19/042 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OPTIMIZING A PROCESS**
[54] **PROCEDE ET SYSTEME D'OPTIMISATION D'UN PROCESSUS**
[72] NELSON, ALBERT ROLAND, CA
[71] NELSON, ALBERT ROLAND, CA
[22] 2017-02-24
[41] 2018-08-24

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[13] A1
[51] **Int.Cl. A01K 47/06 (2006.01)**
[25] EN
[54] **BEEHIVE VENTILATION AND ENTRANCE ADJUSTMENT SYSTEM**
[54] **SYSTEME DE REGLAGE DE VENTILATION ET D'ENTREE DE RUCHE**
[72] VAANDRAGER, DANIEL, CA
[71] DAN'S WOODWORKING INC., CA
[22] 2017-02-22
[41] 2018-08-22

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[13] A1
[51] **Int.Cl. B65B 1/06 (2006.01) B65B 43/54 (2006.01)**
[25] EN
[54] **SANDBAG FILLING DEVICE**
[54] **APPAREIL DE REMPLISSAGE DE SAC DE SABLE**
[72] BERGERON, GUY, CA
[71] BERGERON, GUY, CA
[22] 2017-02-24
[41] 2018-08-24

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[13] A1
[51] **Int.Cl. F23M 11/00 (2006.01) F23M 7/00 (2006.01) F24B 1/192 (2006.01) F24C 15/04 (2006.01)**
[25] EN
[54] **FIREPLACE LATCH SYSTEM**
[54] **SYSTEME DE VERROU DE FOYER**
[72] BINZER, LOTHAR DAN, CA
[71] CANADIAN HEATING PRODUCTS INC., CA
[22] 2017-02-24
[41] 2018-08-24

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 21/08 (2006.01) G05D 7/00 (2006.01) G05D 16/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE PASSIVE CHOKES**
[54] **ETRANGLEURS PASSIFS REGLABLES**
[72] STEPHENS, EVAN, CA
[72] STASIUK, RYAN, CA
[72] ALJUBORI, AHMED, CA
[71] SECURE ENERGY (DRILLING SERVICES) INC., CA
[22] 2017-02-24
[41] 2018-08-24

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[51] **Int.Cl. A61K 36/41 (2006.01) A61K 31/198 (2006.01) A61K 31/405 (2006.01) A61K 31/4415 (2006.01) A61K 31/522 (2006.01) A61K 31/7034 (2006.01) A61P 25/26 (2006.01)**
[25] EN
[54] **COMPOSITION FOR IMPROVING COGNITIVE FUNCTION**
[54] **COMPOSITION PERMETTANT D'AMELIORER LA FONCTION COGNITIVE**
[72] IOFFE, ALTAIR, CA
[71] IOFFE BIOTECHNOLOGIES, CA
[22] 2017-02-24
[41] 2018-08-24

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[13] A1
[51] **Int.Cl. B60B 25/14 (2006.01) B25B 27/14 (2006.01) B60B 29/00 (2006.01)**
[25] EN
[54] **MANIPULATING A LOCK RING FOR A WHEEL**
[54] **MANIPULATION D'UNE BAGUE DE BLOCAGE DESTINEE A UNE ROUE**
[72] MCMUNN, CLAYTON WILFORD RUSSELL, CA
[72] NILSSON, JAN PETER, CA
[71] KAL TIRE, CA
[22] 2017-02-23
[41] 2018-08-23

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[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01) B01D 21/01 (2006.01)**
[25] EN
[54] **DEWATERING THICK FINE TAILINGS USING DILUTION AND NEAR INFRARED MONITORING TECHNIQUES**
[54] **DESHYDRATATION DE RESIDUS DE BOUE FINS AU MOYEN DE LA DILUTION ET TECHNIQUES DE SURVEILLANCE EN PROCHE INFRAROUGE**
[72] BUGG, TREVOR, CA
[72] FENG, ENBO, CA
[72] KADALI, RAMESH, CA
[72] ADAMS, BRYAN, CA
[72] GORANSON, MARC, CA
[72] PRATHAP, NAVEEN, CA
[72] REVINGTON, ADRIAN, CA
[72] MITTAL, KUSHAGRA, CA
[72] MOYLS, BENITO, CA
[72] DIEP, JOHN, CA
[71] SUNCOR ENERGY INC., CA
[22] 2017-02-24
[41] 2018-08-24

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[13] A1
[51] **Int.Cl. H05K 7/20 (2006.01) F04D 13/08 (2006.01) F28F 9/00 (2006.01) H02P 27/04 (2016.01)**
[25] EN
[54] **VARIABLE FREQUENCY DRIVE CABINET VENTILATION SYSTEM, APPARATUS AND METHOD**
[54] **SYSTEME DE VENTILATION D'ARMOIRE A ENTRAINEMENT A FREQUENCE VARIABLE, APPAREIL ET METHODE**
[72] ASHBAUGH, RYAN BRIDWELL, US
[72] COURTWRIGHT, TYLER CLAY, US
[72] NEWPORT, CASEY LAINE, US
[72] MANEN, DAVID REAGAN, US
[72] GOTTSCHALK, THOMAS JOHN, US
[71] SUMMIT ESP, LLC, US
[22] 2017-02-27
[41] 2018-08-24
[30] US (15/442,433) 2017-02-24

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[13] A1
[51] **Int.Cl. B62M 6/50 (2010.01) B62K 11/00 (2013.01)**
[25] EN
[54] **TORQUE SENSOR FOR AN ELECTRIC BICYCLE**
[54] **DETECTEUR DE COUPLE DESTINE A UNE BICYCLETTE ELECTRIQUE**
[72] CLOUTIER, BENOIT, CA
[72] O'CONNOR, D'ARCY, CA
[71] PROPULSION POWERCYCLE INC., CA
[71] INDUSTRIES RAD INC., CA
[22] 2017-03-28
[41] 2018-08-21
[30] US (62/461,284) 2017-02-21

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[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01)**
[25] EN
[54] **CHAIN OR CORD COVER FOR WINDOW TREATMENTS**
[54] **COUVRE CHAINE OU CABLE DESTINE A DES PARURES DE FENETRE**
[72] KANARGELIDIS, VIVIAN, CA
[72] MOCANU, CATALIN AUREL, CA
[71] SUN GLOW WINDOW COVERING PRODUCTS OF CANADA LTD., CA
[22] 2017-04-06
[41] 2018-08-22
[30] US (62/462,218) 2017-02-22

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[13] A1
[51] **Int.Cl. F26B 23/00 (2006.01) A01F 25/22 (2006.01) A23B 9/08 (2006.01) F02G 5/04 (2006.01) F26B 21/00 (2006.01)**
[25] EN
[54] **ENGINE POWERED AERATION FAN WITH CONTROLLABLE WASTE CAPTURE SYSTEM**
[54] **VENTILATEUR A MOTEUR AVEC SYSTEME DE CAPTURE DE PERTE REGLABLE**
[72] BRUGGENCATE, KYLE A., CA
[71] BRUGGENCATE, KYLE A., CA
[22] 2017-04-11
[41] 2018-08-20
[30] CA (2,958,366) 2017-02-20

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[13] A1
[51] **Int.Cl. B02C 19/18 (2006.01) B02C 23/18 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ROCK DISINTEGRATION**
[54] **METHODE ET APPAREIL DE DESINTEGRATION DE ROCHE**
[72] ZAGULIAEV, VICTOR, CA
[72] NOVIKOV, NIKOLAI, CA
[71] ZAGULIAEV, VICTOR, CA
[71] NOVIKOV, NIKOLAI, CA
[22] 2017-04-21
[41] 2018-08-22
[30] US (15/530,730) 2017-02-22

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A23L 25/00 (2016.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR AR1318947**
[54] **CULTIVAR DE SOYA AR1318947**
[72] LEE, DAVID SCOTT, CA
[72] MCCLURE, DONALD BRUCE, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-01
[41] 2018-08-24
[30] US (15/441,971) 2017-02-24

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[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A23L 25/00 (2016.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR AR1310229**
[54] **CULTIVAR DE SOYA AR1310229**
[72] LEE, DAVID SCOTT, CA
[72] LINDENBAUM, KURT MILAN, US
[72] MCCLURE, DONALD BRUCE, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-01
[41] 2018-08-24
[30] US (15/441,819) 2017-02-24

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[13] A1
[51] **Int.Cl. A62C 2/06 (2006.01)**
[25] EN
[54] **FIRE-STOPPING SUSPENSION APPARATUS AND METHOD OF USING THE SAME TO STOP THE SPREAD OF FIRE**
[54] **APPAREIL SUSPENDU D'EXTINCTION INCENDIE ET METHODE D'UTILISATION DUDIT APPAREIL POUR ARRETER LA PROPAGATION DE L'INCENDIE**
[72] CHOU, VICKI-FEN, TW
[72] TRINH, PHILIP, TW
[72] TRINH, CHRISTINE, TW
[72] CHOU, SONG, TW
[71] CHOU, VICKI-FEN, TW
[71] TRINH, PHILIP, TW
[71] TRINH, CHRISTINE, TW
[22] 2017-05-10
[41] 2018-08-22
[30] US (15/439,065) 2017-02-22

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[13] A1
[51] **Int.Cl. F02D 19/06 (2006.01) F02D 11/02 (2006.01) F02D 37/00 (2006.01)**
[25] EN
[54] **COMBINATION CONTROL ASSEMBLY OF DUAL FUEL INTERNAL COMBUSTION ENGINE**
[54] **COMBINAISON DE DISPOSITIF DE COMMANDE D'UN MOTEUR A COMBUSTION INTERNE A DEUX CARBURANTS**
[72] TANG, LONGXIN, CN
[72] LI, JIE, CN
[71] HANGZHOU POWER YOUNG TECHNOLOGY CO. LTD, CN
[22] 2017-06-05
[41] 2018-08-24
[30] CN (2017201706088) 2017-02-24

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[13] A1
[51] **Int.Cl. B60C 23/10 (2006.01) B60C 23/04 (2006.01)**
[25] EN
[54] **TIRE PRESSURE CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE DE LA PRESSION DES PNEUS**
[72] HINZ, LESLEY J., CA
[72] SPREEN, BRIAN D., CA
[71] TIRE PRESSURE CONTROL INTERNATIONAL LTD., CA
[22] 2017-06-12
[41] 2018-08-23
[30] US (15/441,039) 2017-02-23

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[13] A1
[51] **Int.Cl. B64D 25/00 (2006.01) A62B 35/00 (2006.01) B60R 21/16 (2006.01) F16P 1/00 (2006.01)**
[25] EN
[54] **PORTABLE PERSONAL AIRBAG FOR AIRCRAFT**
[54] **SAC GONFLABLE PERSONNEL PORTATIF POUR AERONEF**
[72] FARACO, CELSO JUNIOR, BR
[71] CICLOS TIME DESIGN EIRELI EPP, BR
[22] 2017-09-11
[41] 2018-08-20
[30] BR (BR 10 2017 003385 6) 2017-02-20

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[21] **2,981,664**
[13] A1
[51] **Int.Cl. G06Q 50/26 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **COMPUTER SYSTEM CONFIGURED FOR ISSUING A PERSONALISED VEHICLE NUMBER PLATE**
[54] **SYSTEME INFORMATIQUE CONFIGURE POUR EMETTRE UN NUMERO DE PLAQUE PERSONNALISEE D'IMMATRICULATION DE VEHICULE**
[72] HAIDAR, ALI, AU
[71] PLATE PROPERTIES PTY LTD, AU
[22] 2017-10-05
[41] 2018-08-23
[30] AU (2017900598) 2017-02-23

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[13] A1
[51] **Int.Cl. B23K 11/24 (2006.01) B23K 11/30 (2006.01) B23K 11/36 (2006.01)**
[25] EN
[54] **ELECTRIC RESISTANCE WELDING HEAD WITH ELECTRODES LOCATED ON THE SAME SIDE**
[54] **TETE DE SOUDURE A RESISTANCE ELECTRIQUE DOTEE D'ELECTRODES SITUEES SUR LE MEME COTE**
[72] GATTABRIA, MASSIMO, IT
[72] DE CHIRICO, CRISTINA, IT
[72] MARSICOVETERE, CARMELO, IT
[72] MAESTRI, MAURO, IT
[72] DI STEFANO, GIOVANNI, IT
[71] COMAU S.P.A., IT
[22] 2017-10-25
[41] 2018-08-23
[30] EP (17157541.8) 2017-02-23

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[13] A1
[51] **Int.Cl. B25B 27/00 (2006.01) B23P 19/00 (2006.01) B25B 27/02 (2006.01)**
[25] EN
[54] **METHOD AND TOOL FOR REMOVING A TAPERED SLEEVE BOLT FROM A COMPONENT**
[54] **METHODE ET OUTIL D'EXTRACTION D'UN BOULON DE MANCHON CONIQUE D'UNE COMPOSANTE**
[72] HARE, JOHN RICHARD, US
[72] HAMILTON, JEFFREY WAYNE, US
[71] THE BOEING COMPANY, US
[22] 2017-11-14
[41] 2018-08-22
[30] US (15/439,280) 2017-02-22

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[13] A1
[51] **Int.Cl. F01D 11/08 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **TURBINE SHROUD WITH BIASED RETAINING RING**
[54] **ENVELOPPE DE TURBINE DOTEE D'UNE BAGUE DE RETENUE INCLINEE**
[72] BAUCCO, ALEXANDRA R., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-11-21
[41] 2018-08-22
[30] US (15/439,502) 2017-02-22

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[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING AN ORCHESTRATION LAYER FOR SERVICE OFFERED BY EARLY WARNING SERVICES**
[54] **SYSTEMES ET METHODES DE FOURNITURE D'UNE COUCHE D'ORCHESTRATION D'UN SERVICE OFFERT PAR DES SERVICES D'ALERTE RAPIDE**
[72] KAKAIO, DERICK ELMER KEALII, US
[72] CHINNACHI, SIVANANDAM GOUNDAR, US
[72] SHARMA, PRABHAT, US
[72] KOSHY, BOB U., US
[72] MULL, ERIC RANDOLPH, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2017-11-27
[41] 2018-08-21
[30] US (62/461767) 2017-02-21
[30] US (15/805962) 2017-11-07
[30] US (15/808500) 2017-11-09

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[13] A1
[51] **Int.Cl. B42D 15/04 (2006.01) B65B 31/02 (2006.01)**
[25] EN
[54] **GREETING CARD HAVING COMPRESSED OBJECT THEREIN AND METHOD OF SELECTIVELY CONTROLLING DEFORMATION THEREOF**
[54] **CARTE DE SOUHAITS COMPORTANT UN OBJET COMPRIME INTEGRE ET METHODE DE CONTROLE SELECTIF DE DEFORMATION ASSOCIEE**
[72] BASSETT, LAINIE, US
[72] WALBERG, KARI, US
[72] LACY, ORLANDA, US
[71] HALLMARK CARDS, INCORPORATED, US
[22] 2017-11-28
[41] 2018-08-24
[30] US (15/442,153) 2017-02-24

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[13] A1
[51] **Int.Cl. A01B 15/18 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **SHANK MOUNTED ANGLED COULTER DISC**
[54] **DISQUE DU COUTRE A ANGLE INSTALLE SUR UN FLANC**
[72] BULIZUIK, DWAYNE J., CA
[71] P.J. GABER & SONS LTD., CA
[22] 2017-12-07
[41] 2018-08-22
[30] US (62462111) 2017-02-22

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[13] A1
[51] **Int.Cl. F16B 29/00 (2006.01) B64C 1/12 (2006.01) B64C 3/26 (2006.01) F16B 5/02 (2006.01)**
[25] EN
[54] **TAPERED LEAD-IN FOR INTERFERENCE FIT FASTENERS**
[54] **AMORCE FUSELEE POUR FIXATIONS A AJUSTEMENT SERRE**
[72] SIMPSON, BLAKE A., US
[72] SISCO, TANNI, US
[71] THE BOEING COMPANY, US
[22] 2017-12-11
[41] 2018-08-20
[30] US (15/437234) 2017-02-20

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[51] **Int.Cl. F16B 35/00 (2006.01) F16B 5/02 (2006.01)**
[25] EN
[54] **RADIUSED LEAD-IN FOR INTERFERENCE FIT FASTENERS**
[54] **AMORCE ARRONDIE POUR FIXATIONS A AJUSTEMENT SERRE**
[72] SIMPSON, BLAKE A., US
[72] SISCO, TANNI, US
[72] HUBBELL, TODD E., US
[72] WILKERSON, JEFFREY A., US
[71] THE BOEING COMPANY, US
[22] 2017-12-11
[41] 2018-08-20
[30] US (15/437259) 2017-02-20

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[13] A1
[51] **Int.Cl. B66C 1/44 (2006.01) B25B 5/16 (2006.01) F16B 2/14 (2006.01)**
[25] EN
[54] **CLAMPING DEVICE FOR LIFTING AND TRANSFER OBJECTS**
[54] **DISPOSITIF DE SERRAGE SERVANT A SOULEVER ET TRANSFERER DES OBJETS**
[72] NGUYEN, HOA NHON, AU
[71] NGUYEN, HOA NHON, AU
[22] 2017-12-12
[41] 2018-08-21
[30] US (15/438,735) 2017-02-21

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[13] A1
[51] **Int.Cl. A62C 3/08 (2006.01) B64D 13/00 (2006.01) B64D 25/00 (2006.01) B64D 37/32 (2006.01) B64D 45/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FLAMMABILITY REDUCTION AND VENTILATION USING NITROGEN-ENRICHED GAS FOR TRANSPORTATION VEHICLE PROTECTION**
[54] **SYSTEMES ET METHODES DE REDUCTION D'INFLAMMABILITE ET DE VENTILATION AU MOYEN DE GAZ ENRICHI D'AZOTE EN VUE DE LA PROTECTION DE VEHICULE DE TRANSPORT**
[72] SMITH, DAVID, US
[72] FERGUSON, DOUGLAS, US
[71] THE BOEING COMPANY, US
[22] 2017-12-11
[41] 2018-08-22
[30] US (15/439,615) 2017-02-22

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[13] A1
[51] **Int.Cl. G06T 9/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR RECONSTRUCTING IMAGE DATA FROM DECODED IMAGE DATA**
[54] **METHODE ET DISPOSITIF DE RECONSTRUCTION DE DONNEES IMAGES A PARTIR DE DONNEES IMAGES DECODEES**
[72] ANDRIVON, PIERRE, FR
[72] TOUZE, DAVID, FR
[72] CARAMELLI, NICOLAS, FR
[71] THOMSON LICENSING, FR
[22] 2017-12-15
[41] 2018-08-24
[30] EP (17305212.7) 2017-02-24
[30] EP (17158481.6) 2017-02-28

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[51] **Int.Cl. G01B 21/20 (2006.01) B64F 5/60 (2017.01) G05B 19/401 (2006.01)**
[25] EN
[54] **IDENTIFYING A PATHWAY FOR CONDITION OF ASSEMBLY VALIDATION**
[54] **IDENTIFICATION D'UNE VOIE D'ETAT DE VALIDATION D'ASSEMBLAGE**
[72] SZARSKI, MARTIN, US
[71] THE BOEING COMPANY, US
[22] 2017-12-18
[41] 2018-08-23
[30] US (15/441104) 2017-02-23

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[25] EN
[54] **AUTOMATED VALIDATION OF CONDITION OF ASSEMBLY**
[54] **VALIDATION AUTOMATISEE D'ETAT D'ASSEMBLAGE**
[72] SZARSKI, MARTIN, US
[72] HAEUSLER, PHILLIP, US
[72] BAIN, DAVID MICHAEL, US
[72] BAIN, RICHARD, US
[72] GLYNN, ANDREW K., US
[72] STEELE, PETER NATHAN, US
[71] THE BOEING COMPANY, US
[22] 2017-12-18
[41] 2018-08-23
[30] US (15/441082) 2017-02-23
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[51] **Int.Cl. G21B 3/00 (2006.01) C25B 9/00 (2006.01)**
[25] EN
[54] **IMPROVED, MODULAR ELECTROLYSIS APPARATUS WITH COOLED HEATER, CO-DISPOSED HEAT EXCHANGER AND GAS MANIFOLDS THEREFOR**
[54] **APPAREIL D'ELECTROLYSE MODULAIRE AMELIORE DOTE D'UN ELEMENT CHAUFFANT REFROIDI, D'UN ECHANGEUR THERMIQUE CO-DISPOSE ET DE COLLECTEURS DE GAZ ASSOCIES**
[72] ALCARAZ, ERNEST CHARLES, US
[72] CHAWLA, MONTE S., US
[72] DAVIS, RANDOLPH R., US
[72] JANNOTTA, DORIN A., US
[72] LOWREY, AUSTIN, III, US
[72] MCGRAW, THOMAS F., US
[72] SANDEL, FREDERICK L., US
[72] WALTMAN, DONALD J., US
[71] ALCARAZ, ERNEST CHARLES, US
[71] CHAWLA, MONTE S., US
[71] DAVIS, RANDOLPH R., US
[71] JANNOTTA, DORIN A., US
[71] LOWREY, AUSTIN, III, US
[71] MCGRAW, THOMAS F., US
[71] SANDEL, FREDERICK L., US
[71] WALTMAN, DONALD J., US
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[41] 2018-08-22
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[51] **Int.Cl. C30B 7/14 (2006.01) C01G 49/12 (2006.01) C30B 29/46 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING IRON PYRITE NANOCRYSTALS**
[54] **METHODE DE FABRICATION DE NANOCRISTAUX DE PYRITE**
[72] PARK, CHIN HO, KR
[72] JUNG, JAE HAK, KR
[72] THRIN, THANH KIEU, KR
[71] RESEARCH COOPERATION FOUNDATION OF YEUNGNAM UNIVERSITY, KR
[22] 2018-01-05
[41] 2018-08-21
[30] KR (10-2017-0022720) 2017-02-21

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[13] A1
[51] **Int.Cl. B64D 31/00 (2006.01) B64C 11/30 (2006.01)**
[25] EN
[54] **AUTOTHROTTLE CONTROL FOR TURBOPROP ENGINES**
[54] **COMMANDE D'AUTO-REGULATEUR DES GAZ DESTINEE A DES MOTEURS DE TURBOPROPULSEUR**
[72] LISIO, CARMINE, CA
[72] MATHESON, KENNETH, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-12
[41] 2018-08-22
[30] US (62/461,918) 2017-02-22
[30] US (15/446,262) 2017-03-01

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[13] A1
[51] **Int.Cl. F25D 25/00 (2006.01) F25C 5/182 (2018.01) F25D 3/02 (2006.01) F25D 21/14 (2006.01)**
[25] EN
[54] **INSERT FOR LIQUID AND SOLID ITEM SEPARATION IN CONTAINERS**
[54] **GARNITURE DESTINEE A LA SEPARATION DE LIQUIDE ET D'ARTICLE SOLIDE DANS LES CONTENEURS**
[72] GUNDERSON, JORDON C., CA
[72] GUNDERSON, DEVIN A., CA
[71] GUNDERSON, JORDON C., CA
[71] GUNDERSON, DEVIN A., CA
[22] 2018-01-26
[41] 2018-08-22
[30] CA (2985609) 2017-02-22

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[13] A1
[51] **Int.Cl. B64D 31/12 (2006.01) B64D 31/00 (2006.01)**
[25] EN
[54] **SINGLE LEVER CONTROL IN TWIN TURBOPROPELLER AIRCRAFT**
[54] **COMMANDE A LEVIER SIMPLE DESTINEE A UN AERONEF A DOUBLE TURBOPROPULSEUR**
[72] LISIO, CARMINE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-16
[41] 2018-08-22
[30] US (62/462,090) 2017-02-22
[30] US (15/459,742) 2017-03-15

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[13] A1
[51] Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01) G06Q 50/02 (2012.01)
[25] EN
[54] ONLINE HIERARCHICAL ENSEMBLE OF LEARNERS FOR ACTIVITY TIME PREDICTION IN OPEN PIT MINING
[54] ENSEMBLE HIERARCHIQUE EN LIGNE D'APPRENANTS EN VUE DE LA PREDICTION DE DUREE D'ACTIVITE DANS UNE EXPLOITATION MINIERE A CIEL OUVERT
[72] RISTOVSKI, KOSTA, US
[72] GUPTA, CHETAN, US
[71] HITACHI, LTD., JP
[22] 2018-01-16
[41] 2018-08-24
[30] US (15/441,939) 2017-02-24

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[51] Int.Cl. F16F 1/12 (2006.01) B65G 27/16 (2006.01) F16F 1/04 (2006.01) F16F 1/06 (2006.01)
[25] EN
[54] SPRING ASSEMBLY WITH A PROTECTED ATTACHMENT SITE
[54] MECANISME DE RESSORT DOTE D'UN SITE DE FIXATION PROTEGE
[72] QUINN, KERRY WILLIAM, US
[72] STEFFES, ED, JR., US
[71] GENERAL KINEMATICS CORPORATION, US
[22] 2018-01-18
[41] 2018-08-24
[30] US (62/463,574) 2017-02-24

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[13] A1
[51] Int.Cl. E04D 13/12 (2006.01) A47G 27/02 (2006.01) D06N 7/04 (2006.01) E04D 15/00 (2006.01) E04G 21/32 (2006.01) A63B 6/00 (2006.01) E04C 5/04 (2006.01)
[25] EN
[54] NON-SKID SAFETY MAT FOR PROVIDING ADHERING SUPPORT WHEN PLACED UPON A SLOPING ROOF
[54] TAPIS ANTIDERAPANT SERVANT A FOURNIR UN SUPPORT ADHERANT, LORSQUE PLACE SUR UN TOIT EN PENTE
[72] WARNER, NEIL A., US
[71] STEEL GRIP SAMM, INC., US
[22] 2018-01-25
[41] 2018-08-24
[30] US (15/441,765) 2017-02-24

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[13] A1
[51] Int.Cl. A61B 17/60 (2006.01) A61B 17/62 (2006.01) A61B 17/66 (2006.01)
[25] EN
[54] BONE FIXATOR APPARATUS
[54] APPAREIL DE FIXATION ORTHOPEDIQUE
[72] JARAMILLO, JYMER, CA
[71] CLINIQUE VETERINAIRE LA PROVIDENCE INC., CA
[22] 2018-01-26
[41] 2018-08-24
[30] US (15/442,071) 2017-02-24

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[13] A1
[51] Int.Cl. A61B 17/072 (2006.01) A61B 17/00 (2006.01) A61B 17/068 (2006.01)
[25] EN
[54] LOADING UNIT FOR SURGICAL INSTRUMENTS WITH LOW PROFILE PUSHERS
[54] MODULE DE CHARGEMENT DESTINE A DES INSTRUMENTS CHIRURGICAUX A POUSSOIRS A PROFIL BAS
[72] KOSTRZEWSKI, STANISLAW, US
[71] COVIDIEN LP, US
[22] 2018-01-26
[41] 2018-08-22
[30] US (15/439,312) 2017-02-22

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[13] A1
[51] Int.Cl. A61B 5/026 (2006.01) A61B 5/01 (2006.01) A61B 5/021 (2006.01) A61B 17/03 (2006.01) A61B 17/115 (2006.01) A61B 17/94 (2006.01)
[25] EN
[54] METHODS OF DETERMINING TISSUE VIABILITY
[54] METHODE DE DETERMINATION DE LA VIABILITE DES TISSUS
[72] MOZDZIERZ, PATRICK, US
[71] COVIDIEN LP, US
[22] 2018-01-26
[41] 2018-08-22
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[13] A1
[51] Int.Cl. A61B 17/115 (2006.01) A61B 17/068 (2006.01)
[25] EN
[54] ANVIL ASSEMBLY OF CIRCULAR STAPLING DEVICE INCLUDING ALIGNMENT SPLINES
[54] ASSEMBLAGE D'ENCLUME DE DISPOSITIF D'AGRAFAGE CIRCULAIRE COMPORTANT DES CANNELURES D'ALIGNEMENT
[72] GUERRERA, JOSEPH, US
[72] VALENTINE, DAVID, US
[71] COVIDIEN LP, US
[22] 2018-01-26
[41] 2018-08-24
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[13] A1
[51] Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01) A61B 17/94 (2006.01)
[25] EN
[54] SURGICAL STAPLER WITH SMALL DIAMETER ENDOSCOPIC PORTION
[54] AGRAFEUSE CHIRURGICALE A PORTION ENDOSCOPIQUE A PETIT DIAMETRE
[72] WHITFIELD, KENNETH, US
[72] GADDY, ANTHONY, US
[72] EBNER, TIMOTHY D., US
[72] CASASANTA, THOMAS, US
[71] COVIDIEN LP, US
[22] 2018-01-26
[41] 2018-08-23
[30] US (15/440,010) 2017-02-23

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[13] A1
[51] **Int.Cl. A61B 17/115 (2006.01) A61B 17/068 (2006.01)**
[25] EN
[54] **TOOL ASSEMBLY INCLUDING AXIALLY SPACED SPLINES**
[54] **ASSEMBLAGE D'OUTIL COMPORTANT DES CANNELURES ESPACEES AXIALEMENT**
[72] GUERRERA, JOSEPH, US
[72] MOZDZIERZ, PATRICK, US
[71] COVIDIEN LP, US
[22] 2018-01-26
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[13] A1
[51] **Int.Cl. H01R 4/22 (2006.01)**
[25] EN
[54] **TWIST-ON WIRE CONNECTOR**
[54] **CONNECTEUR DE CABLE A VISSER**
[72] LEGAULT, LUDOVIC, CA
[71] THOMAS & BETTS INTERNATIONAL LLC, US
[22] 2018-01-30
[41] 2018-08-24
[30] US (62/463,140) 2017-02-24

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[51] **Int.Cl. A01K 69/06 (2006.01) G01S 19/03 (2010.01) G01S 19/14 (2010.01) A01K 75/04 (2006.01) G08B 21/18 (2006.01) H04B 7/26 (2006.01)**
[25] EN
[54] **DETECTION OF DERELICT FISHING GEAR**
[54] **DETECTION DE GREEMENT DE PECHE ABANDONNE**
[72] OPSHAUG, KORTNEY, US
[71] BLUE OCEAN GEAR LLC, US
[22] 2018-01-31
[41] 2018-08-24
[30] US (62/463,002) 2017-02-24
[30] US (15/882,002) 2018-01-29

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[51] **Int.Cl. E05F 15/70 (2015.01) B64C 1/14 (2006.01) B64D 33/00 (2006.01) E05F 15/00 (2015.01) H02J 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING AN AUXILIARY POWER UNIT INLET DOOR**
[54] **SYSTEME ET PROCEDE POUR COMMANDER UNE PORTE D'ENTREE D'UN GROUPE AUXILIAIRE DE PUISSANCE**
[72] MANOUKIAN, PATRICK, CA
[72] THERIAULT, SARAH, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-30
[41] 2018-08-20
[30] US (62/461,076) 2017-02-20

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[13] A1
[51] **Int.Cl. E05F 15/70 (2015.01) B64C 1/14 (2006.01) B64D 33/00 (2006.01) E05F 15/00 (2015.01) H02J 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING A POSITON OF AN AUXILIARY POWER UNIT INLET DOOR**
[54] **SYSTEME ET PROCEDE POUR COMMANDER UNE POSITION D'UNE PORTE D'ENTREE D'UN GROUPE AUXILIAIRE DE PUISSANCE**
[72] MANOUKIAN, PATRICK, CA
[72] THERIAULT, SARAH, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-30
[41] 2018-08-20
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[13] A1
[51] **Int.Cl. B64D 47/00 (2006.01) E05F 15/73 (2015.01) B64C 1/14 (2006.01) B64D 33/02 (2006.01) B64D 41/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SELECTING AN OPENING ANGLE OF AN AUXILIARY POWER UNIT INLET DOOR**
[54] **SYSTEME ET PROCEDE POUR SELECTIONNER UN ANGLE D'OUVERTURE D'UNE PORTE D'ENTREE D'UN GROUPE AUXILIAIRE DE PUISSANCE**
[72] MANOUKIAN, PATRICK, CA
[72] THERIAULT, SARAH, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-30
[41] 2018-08-20
[30] US (62/461,057) 2017-02-20

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[13] A1
[51] **Int.Cl. B64C 1/14 (2006.01) B64D 33/02 (2006.01) B64D 41/00 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUXILIARY POWER UNIT INLET DOOR TESTING**
[54] **SYSTEME ET PROCEDE POUR UN ESSAI D'UNE PORTE D'ENTREE D'UN GROUPE AUXILIAIRE DE PUISSANCE**
[72] BISSON, JEAN-FRANCOIS, CA
[72] MANOUKIAN, PATRICK, CA
[72] THERIAULT, SARAH, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-30
[41] 2018-08-20
[30] US (62/461,047) 2017-02-20

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[13] A1
[51] **Int.Cl. B64C 3/24 (2006.01) B29C 49/42 (2006.01) B65B 3/02 (2006.01) B65B 3/04 (2006.01) B65G 29/00 (2006.01)**
[25] EN
[54] **MOVEMENT SYSTEM OF CONTAINERS BETWEEN OPERATING UNITS**
[54] **SYSTEME DE MOUVEMENT DE CONTENEURS ENTRE DEUX MODULES FONCTIONNELS**
[72] GRAZIOLI, MARCO, IT
[72] CLIVATI, VALENTINA, IT
[71] SMI S.P.A., IT
[22] 2018-02-02
[41] 2018-08-22
[30] IT (102017000019857) 2017-02-22

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[13] A1
[51] **Int.Cl. B65D 81/02 (2006.01)**
[25] EN
[54] **PACK FOR WRAPPING CONSUMER GOODS**
[54] **EMBALLAGE DESTINE A EMBALLER DES BIENS DE CONSOMMATION**
[72] NASCIMENTO JUNIOR, PAULO NETTO, BR
[71] POLENGHI INDUSTRIAS ALIMENTICIAS LTDA., BR
[22] 2018-02-05
[41] 2018-08-24
[30] BR (BR 20 2017 003993 0) 2017-02-24

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[13] A1
[51] **Int.Cl. G08B 29/14 (2006.01) G08B 23/00 (2006.01)**
[25] EN
[54] **SENSOR DATA PROCESSING SYSTEM FOR VARIOUS APPLICATIONS**
[54] **SYSTEME DE TRAITEMENT DE DONNEES DE CAPTEUR DESTINE A DES APPLICATIONS DIVERSES**
[72] DIVAKARA, MANJUNATHA, US
[72] MEWUNDI, SUDHENDRA D., US
[72] BRODSKY, TOMAS, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-02-06
[41] 2018-08-22
[30] US (15/439,610) 2017-02-22

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[13] A1
[51] **Int.Cl. A61B 90/98 (2016.01) A61B 34/20 (2016.01) A61M 25/095 (2006.01)**
[25] EN
[54] **CATHETER IDENTIFICATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'IDENTIFICATION DE CATHETER**
[72] DORON, ITAI, IL
[72] COHEN, ASSAF, IL
[72] COHEN-SACOMSKY, HANNA, IL
[72] GUTRAIMAN, MEIDAN, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-02-08
[41] 2018-08-22
[30] US (15/439,490) 2017-02-22

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[13] A1
[51] **Int.Cl. F16B 12/10 (2006.01) A47B 96/06 (2006.01) E04F 19/00 (2006.01)**
[25] EN
[54] **FLUSH MOUNT SUPPORT SYSTEM FOR CARGO COMPARTMENT LOGISTICS TRACK**
[54] **SYSTEME DE SUPPORT AFFLEURANT DESTINE AU SUIVI DE LOGISTIQUE DE COMPARTIMENT DE FRET**
[72] KNOX, HOWARD T., US
[71] ANCRA INTERNATIONAL LLC, US
[22] 2018-02-09
[41] 2018-08-24
[30] US (62/463,246) 2017-02-24

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[13] A1
[51] **Int.Cl. C01B 3/32 (2006.01) C01B 3/02 (2006.01)**
[25] EN
[54] **PROPYLENE GLYCOL REFORMING**
[54] **REFORMAGE DE PROPYLENE GLYCOL**
[72] KOLB, GUNTHER, DE
[72] ZAPF, RALF, DE
[72] NEUBERG, STEFFEN, DE
[72] PENNEMANN, HELMUT, DE
[71] DIEHL AEROSPACE GMBH, DE
[22] 2018-02-09
[41] 2018-08-20
[30] DE (102017001561.9) 2017-02-20

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[13] A1
[51] **Int.Cl. H01R 25/16 (2006.01) H01R 29/00 (2006.01)**
[25] EN
[54] **ELECTRICAL RECEPTACLE**
[54] **PRISE ELECTRIQUE**
[72] SATYANARAYANAN, KARTHIK, IN
[72] KADAM, NILESH ANKUSH, IN
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-02-12
[41] 2018-08-24
[30] US (15/441389) 2017-02-24

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[13] A1
[51] **Int.Cl. G03G 9/093 (2006.01)**
[25] EN
[54] **TONER COMPOSITIONS AND PROCESSES**
[54] **COMPOSITIONS D'ENCRE SECHE ET PROCEDES**
[72] SACRIPANTE, GUERINO G., CA
[72] WANG, YULIN, CA
[72] VEREGIN, RICHARD P. N., CA
[71] XEROX CORPORATION, US
[22] 2018-02-12
[41] 2018-08-23
[30] US (15/440578) 2017-02-23

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[13] A1
[51] **Int.Cl. C09D 11/52 (2014.01) H01B 1/22 (2006.01)**
[25] EN
[54] **HYBRID NANOSILVER/LIQUID METAL INK COMPOSITION AND USES THEREOF**
[54] **COMPOSITION HYBRIDE D'ENCRE DE NANOARGENT/METAL LIQUIDE ET SES UTILISATIONS**
[72] CHOPRA, NAVEEN, CA
[72] SMITHSON, CHAD STEVEN, CA
[72] KEOSHKERIAN, BARKEV, CA
[72] HALFYARD, KURT I., CA
[72] CHRETIEN, MICHELLE N., CA
[71] XEROX CORPORATION, US
[22] 2018-02-12
[41] 2018-08-22
[30] US (15/439754) 2017-02-22

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[13] A1
[51] **Int.Cl. B01D 1/00 (2006.01)**
[25] EN
[54] **EVAPORATOR**
[54] **EVAPORATEUR**
[72] TIEMANN, DAVID, DE
[72] SCHELHAAS, KARL-PETER, DE
[71] DIEHL AEROSPACE GMBH, DE
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[30] DE (102017001565.1) 2017-02-20

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[25] EN
[54] **FUEL PROCESSOR COMPONENT FOR A PROPYLENE GLYCOL FUEL PROCESSOR AND PROPYLENE GLYCOL FUEL PROCESSOR**
[54] **COMPOSANT DE CONVERTISSEUR DE COMBUSTIBLE POUR UN CONVERTISSEUR DE COMBUSTIBLE DE PROPYLENE GLYCOL ET CONVERTISSEUR DE COMBUSTIBLE DE PROPYLENE GLYCOL**
[72] TIEMANN, DAVID, DE
[72] SCHURER, JOCHEN, DE
[72] KOLB, GUNTHER, DE
[71] DIEHL AEROSPACE GMBH, DE
[22] 2018-02-13
[41] 2018-08-20
[30] DE (102017001562.7) 2017-02-20

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[54] **MASTICATORY ORTHODONTIC DEVICE**
[54] **APPAREIL ORTHODONTIQUE DE MASTICATION**
[72] HUNG, CHENG-HSIANG, CN
[71] HUNG, CHENG-HSIANG, CN
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[54] **HOLE FORMER WITH GASKET LOCATING FEATURES FOR CAST MANHOLE STRUCTURES**
[54] **DISPOSITIF FORMANT DES TROUS AVEC ELEMENTS DE POSITIONNEMENT DE JOINTS D'ETANCHEITE POUR STRUCTURES DE TROU D'HOMME MOULEES**
[72] GAMBLE, JIMMY D., US
[72] KRUECKEBERG, DAVID ALLEN, US
[71] PRESS-SEAL CORPORATION, US
[22] 2018-02-15
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[51] **Int.Cl. A61B 17/12 (2006.01) A61F 2/02 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE FOR MODIFICATION OF LEFT ATRIAL APPENDAGE AND RELATED SYSTEMS AND METHODS**
[54] **DISPOSITIF MEDICAL DE MODIFICATION D'APPENDICE ATRIAL GAUCHE, ET SYSTEMES ET METHODES ASSOCIES**
[72] EDMISTON, DARYL R., US
[72] DAVIS, CLARK C., US
[72] MILES, SCOTT D., US
[71] COHEREX MEDICAL, INC., US
[22] 2018-02-14
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[25] EN
[54] **METHOD OF STARTING-UP A FUEL CELL ARRANGEMENT AND FUEL CELL ARRANGEMENT**
[54] **PROCEDE DE DEMARRAGE D'UN ENSEMBLE DE PILES A COMBUSTIBLE ET ENSEMBLE DE PILES A COMBUSTIBLE**
[72] SCHURER, JOCHEN, DE
[72] KOLB, GUNTHER, DE
[71] DIEHL AEROSPACE GMBH, DE
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[25] EN
[54] **EVAPORATOR AND FUEL CELL ARRANGEMENT**
[54] **EVAPORATEUR ET ENSEMBLE DE PILES A COMBUSTIBLE**
[72] TIEMANN, DAVID, DE
[72] SCHURER, JOCHEN, DE
[72] KOLB, GUNTHER, DE
[71] DIEHL AEROSPACE GMBH, DE
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[54] **PROX REACTOR AND FUEL CELL ARRANGEMENT COMPRISING PROX REACTOR**
[54] **REACTEUR PROX ET ENSEMBLE DE PILES A COMBUSTIBLE COMPRENANT CELUI-CI**
[72] TIEMANN, DAVID, DE
[71] DIEHL AEROSPACE GMBH, DE
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[54] **TURBINE ENGINE THERMAL SEAL**
[54] **JOINT THERMIQUE DE MOTEUR DE TURBINE**
[72] LUSCHEK, BERNARD ALBERT, US
[72] MILLWARD, DAVID WILLIAM, US
[72] SCHMITT, JOSEPH RICHARD, US
[72] MCCANN, DANIEL SCOTT, US
[72] DREISCHARF, DEREK THOMAS, US
[71] UNISON INDUSTRIES, LLC, US
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[25] EN
[54] **AUTONOMOUS PROCEDURE FOR MONITORING AND DIAGNOSTICS OF MACHINE BASED ON ELECTRICAL SIGNATURE ANALYSIS**
[54] **PROCEDURE AUTONOME DE SURVEILLANCE ET DIAGNOSTIC DE MACHINE FONDEE SUR L'ANALYSE DE LA SIGNATURE ELECTRIQUE**
[72] NETI, PRABHAKAR, US
[72] MISHRA, SUDHANSHU, IN
[72] VINAYAGAM, BALAMOUROUGAN, CA
[72] KANABAR, MITALKUMAR, CA
[72] PAMULAPARTHY, BALAKRISHNA, IN
[72] MUTHUKRISHNAN, VIJAYASARATHI, CA
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[25] EN
[54] **APPARATUS AND METHOD TO READ BIOLOGICAL INDICATOR**
[54] **APPAREIL ET METHODE DE LECTURE D'INDICATEUR BIOLOGIQUE**
[72] FRYER, BENJAMIN, US
[71] ETHICON, INC., US
[22] 2018-02-15
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[25] EN
[54] **SYSTEMS AND METHODS FOR SEISMIC DATA ACQUISITION**
[54] **SYSTEMES ET METHODES D'ACQUISITION DE DONNEES SISMIQUES**
[72] ADAMS, ROBBIN BARNET, US
[72] HALLAMAN, JAMES MICHAEL, US
[72] JAMES, ROY, US
[72] CHOUDHARI, SAMUEL ANIL, US
[72] SHEEN, DANNY, US
[72] BASILE, BARRY S., US
[72] RABORN, RONNY, US
[71] GEOSPACE TECHNOLOGIES CORPORATION, US
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[25] EN
[54] **ACTIVE NOISE CONTROL USING VARIABLE STEP-SIZE ADAPTATION**
[54] **CONTROLE ACTIF DU BRUIT AU MOYEN D'ADAPTATION A TAILLE D'ETAPE VARIABLE**
[72] EVERY, MARK ROBERT, CA
[71] 2236008 ONTARIO INC., CA
[22] 2018-02-16
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[54] **POLARIZED ELECTRICAL PLUG AND ADAPTOR WITH MODULAR ORIENTATION VERIFICATION**
[54] **PRISE ELECTRIQUE POLARISEE ET ADAPTATEUR DOTE DE VERIFICATION D'ORIENTATION MODULAIRE**
[72] GZYBOWSKI, MICHAEL, US
[71] GZYBOWSKI, MICHAEL, US
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[54] **DOUBLE-STAGED OXY-FUEL BURNER**
[54] **BRULEUR D'OXYCARBURANT A DOUBLE ETAGE**
[72] D'AGOSTINI, MARK DANIEL, US
[72] SLAVEJKOV, ALEKSANDAR GEORGI, US
[72] BUZINSKI, MICHAEL DAVID, US
[72] HORAN, WILLIAM J., US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
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[51] **Int.Cl. E05B 73/00 (2006.01)**
[25] FR
[54] **LOCKING ROD FOR A DIGITAL DEVICE IN A CHASSIS**
[54] **REGLETTE DE VERROUILLAGE D'UN DISPOSITIF NUMERIQUE DANS UN CHASSIS**
[72] ALLIROT, RICHARD, FR
[72] SOUBIRANE, ALAIN, FR
[72] COCHET, DAMIEN, FR
[71] INGENICO GROUP, FR
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[51] **Int.Cl. B62D 55/07 (2006.01) B62B 17/06 (2006.01) B62M 27/02 (2006.01)**
[25] EN
[54] **SNOWMOBILE**
[54] **MOTONEIGE**
[72] HEDLUND, MICHAEL A., US
[72] OMDAHL, COREY D., US
[72] EATON, JEFFREY A., US
[72] BACHLEITNER, RONALD W., US
[72] SCHILDGEN, JOEL R., US
[71] POLARIS INDUSTRIES INC., US
[22] 2018-02-19
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[51] **Int.Cl. F16L 55/1645 (2006.01)**
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[54] **INFLATABLE CARRIER PLUG SYSTEM AND METHOD**
[54] **SYSTEME DE BOUCHON PORTEUR GONFLABLE ET METHODE**
[72] SYED, ASIM, US
[71] CHERNE INDUSTRIES INCORPORATED, US
[22] 2018-02-20
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[30] US (62/461556) 2017-02-21
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[51] **Int.Cl. B64C 25/30 (2006.01) B64C 25/24 (2006.01)**
[25] FR
[54] **EMERGENCY EXTENSION SYSTEM FOR AIRCRAFT LANDING GEAR**
[54] **SYSTEME D'EXTENSION DE SECOURS D'ATTERRISSEUR D'AERONEF**
[72] PIERRA, RAPHAEL, FR
[72] ROUSSELET, MATHIEU, FR
[72] PASCAL, VINCENT, FR
[72] BELLEVAL, JEAN-LUC, FR
[71] SAFRAN LANDING SYSTEMS, FR
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[51] **Int.Cl. F24H 9/20 (2006.01)**
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[54] **SABBATH CONTROLLER FOR A HOT WATER TANK**
[54] **CONTROLEUR DE RESERVOIR D'EAU CHAUDE PENDANT LE SABBAT**
[72] TADMOR, RONEN, CA
[71] TADMOR, RONEN, CA
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[30] GB (GB1703045.3) 2017-02-24

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[51] **Int.Cl. E04F 19/02 (2006.01)**
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[54] **CONTINUOUS POCKET TRIM BOARD SYSTEM**
[54] **SYSTEME DE MASSICOT A POCHETTE CONTINUE**
[72] FRANKLIN, DANIEL B., US
[72] ALLEN, CLYDE G., US
[72] MAURER, MICHAEL W., US
[72] BRANDEMUEHL, STEVEN L., US
[71] TAPCO INTERNATIONAL CORPORATION, US
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[54] **EXPANDING GATE VALVE**
[54] **ROBINET-VANNE**
[72] FARQUHARSON, KEITH DAVID, CA
[72] GUO, TIANLE, CA
[72] GUST, THOMAS L., CA
[72] LAM, TONY M., CA
[72] MASSON, ANDREW FRANCIS, CA
[71] STREAM-FLO INDUSTRIES LTD., CA
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[25] EN
[54] **HEATED SITTING SURFACE AND BUS SHELTER**
[54] **SURFACE D'ASSISE CHAUFFEE ET ABRIBUS**
[72] LEHOUX, MARIO, CA
[71] DESIGNER MARIO LEHOUX INC., CA
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[51] **Int.Cl. B23P 6/00 (2006.01) F02M 61/16 (2006.01)**
[25] EN
[54] **FUEL INJECTOR HOLD DOWN BOLT REPAIR KIT**
[54] **TROUSSE DE REPARATION DE BOULON D'ANCRAGE D'INJECTEUR DE CARBURANT**
[72] DEL ROSSA, JEFFREY, US
[71] DEL ROSSA, JEFFREY, US
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[51] **Int.Cl. A61B 17/04 (2006.01) A61F 2/02 (2006.01) A61F 2/08 (2006.01)**
[25] EN
[54] **FIXATION MEMBER WITH SEPARATE EYELET AND METHODS OF USE THEREOF**
[54] **ELEMENT DE FIXATION A OEILLET SEPARE ET METHODE D'UTILISATION ASSOCIEE**
[72] PILGERAM, KYLE CRAIG, US
[72] LARSON, MARK, US
[71] STRYKER CORPORATION, US
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[51] **Int.Cl. B60P 3/34 (2006.01) B60J 10/80 (2016.01)**
[25] EN
[54] **EXTRUSION CORNER PIECE**
[54] **PIECE DE COIN D'EXTRUSION**
[72] NEWMAN, RICK L., US
[71] NEWMAN, RICK L., US
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[25] EN
[54] **USE OF FLY ASH IN BIOLOGICAL PROCESS OF WASTEWATER TREATMENT SYSTEMS**
[54] **UTILISATION DE CENDRES VOLANTES DANS LE PROCEDE BIOLOGIQUE DES SYSTEMES DE TRAITEMENT DES EAUX USEES**
[72] FATEHI, PEDRAM, CA
[72] GAO, WEIJUE, CA
[72] CAVE, GERMAINE, CA
[71] LAKEHEAD UNIVERSITY, CA
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[54] **SIMULTANEOUS IMAGE GATHERING SYSTEM AND METHOD**
[54] **METHODE ET SYSTEME DE COLLECTE D'IMAGES SIMULTANEES**
[72] BELL, KEVIN, US
[72] GETSCH, TIMOTHY, US
[72] WESCOTT, GRANT, US
[71] CHECK OUT MY, LLC, US
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[25] EN
[54] **PORTABLE BULK MATERIAL CONVEYOR WITH ARRANGEMENT FOR POSITIONING DISCHARGE**
[54] **TRANSPORTEUR DE MATERIAUX EN VRAC PORTATIF DOTE D'UNE DISPOSITION DE POSITIONNEMENT DE DECHARGE**
[72] BLECHINGER, GORDON J., CA
[71] BLECHINGER, GORDON J., CA
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[41] 2018-08-22
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[25] EN
[54] **A SNOW BIKE AND A FRONT SUSPENSION FOR A SNOW BIKE**
[54] **UN VELO DE NEIGE ET UNE SUSPENSION AVANT DESTINEE A UN VELO A NEIGE**
[72] MANGUM, ALLEN M., US
[72] TELFORD, CODY L., US
[71] POLARIS INDUSTRIES INC., US
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[54] **UNE SOLUTION ANTIMICROBIENNE**
[72] CLOETE, WILLIAM, ZA
[72] KLUMPERMAN, LUBERTUS, NL
[71] STELLENBOSCH UNIVERSITY, ZA
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[25] EN
[54] **LUBRICATING OIL COMPOSITIONS CONTAINING PRE-CERAMIC POLYMERS**
[54] **COMPOSITIONS D'HUILE LUBRIFIANTE RENFERMANT DES POLYMERES PRE CERAMIQUES**
[72] MALE, NIGEL ANTHONY, GB
[72] TAYLOR, STUART ALEXANDER, GB
[72] THOMPSON, RUSSELL MARTIN, GB
[72] COULTHURST, ANTON, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
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[51] **Int.Cl. F24B 5/00 (2006.01) F24B 1/189 (2006.01) F24C 15/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO COOL AN EXPOSED SURFACE OF AN APPLIANCE**
[54] **SYSTEME ET METHODE DE REFROIDISSEMENT D'UNE SURFACE EXPOSEE D'UN APPAREIL ELECTROMENAGER**
[72] SCHROETER, WOLFGANG, CA
[72] SHULVER, DAVID, CA
[72] TJART, RICHARD, CA
[72] LILLEY, CLIFFORD N., CA
[71] WOLF STEEL LTD., CA
[22] 2018-02-22
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[51] **Int.Cl. E04F 15/18 (2006.01) E04B 5/16 (2006.01) E04F 15/12 (2006.01)**
[25] EN
[54] **MODULAR SUPPORT STRUCTURE FOR FLOORS**
[54] **STRUCTURE DE SUPPORT MODULAIRE DESTINEE AUX PLANCHERS**
[72] PONTAROLO, VALERIO, IT
[72] PONTAROLO, LUCA, IT
[72] PONTAROLO, VALENTINA, IT
[71] PONTAROLO ENGINEERING S.P.A., IT
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[25] EN
[54] **SYSTEM FOR COUNTING QUANTITY OF GAME TOKENS**
[54] **SYSTEME DE COMPTAGE DE LA QUANTITE DE JETONS DE JEU**
[72] SHIGETA, YASUSHI, JP
[71] ANGEL PLAYING CARDS CO., LTD., JP
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[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO LUBRICATING COMPOSITIONS**
[54] **AMELIORATIONS CONCERNANT LES COMPOSITIONS LUBRIFIANTES**
[72] STIDDER, GREGORY, GB
[72] SHAW, ROBERT WILLIAM, GB
[72] CRICK, SIMON, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2018-02-22
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[51] **Int.Cl. A61K 47/10 (2017.01) A61K 9/72 (2006.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01) A61K 36/185 (2006.01)**
[25] EN
[54] **ELECTRONIC CIGARETTE MIXING AGENT COMPOSITION SYSTEMS**
[54] **SYSTEME DE COMPOSITION D'AGENT DE MELANGE DESTINE AUX CIGARETTES ELECTRONIQUES**
[72] BERNAUDO, GENE, CA
[72] BERNAUDO, SANTINO, CA
[71] BERNAUDO, GENE, CA
[71] BERNAUDO, SANTINO, CA
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[51] **Int.Cl. E21B 34/14 (2006.01) E21B 34/06 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **APPARATUSES, SYSTEMS AND METHODS FOR TREATING AND PRODUCING FROM MULTIPLE ZONES IN A SUBTERRANEAN FORMATION**
[54] **APPAREILS, SYSTEMES ET METHODES DE TRAITEMENT ET PRODUCTION A PARTIR DE ZONES MULTIPLES DANS UNE FORMATION SOUTERRAINE**
[72] RAVENSBERGEN, JOHN, CA
[71] NCS MULTISTAGE INC., CA
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[54] **METHODES DE CONCEPTION DE LENTILLES A GEOMETRIE INVERSEE DESTINEES AU CONTROLE DE LA MYOPIE**
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[72] ELLIOT, JIMMY RAY, US
[71] THE DIVEHEART FOUNDATION, US
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[54] **NANOPARTICULES DESTINEES A DES ADDITIFS DE REDUCTION DE TRAINEE ET METHODE D'UTILISATION**
[72] HYATT, ROBERT, US
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[72] VAUGHN, TERRY, US
[71] DAST TANKS, LLC, US
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[54] **IMAGERIE PAR BALAYAGE A VITESSE DE BALAYAGE VARIABLE EMPLOYANT LES PREDICTIONS DE POSITIONS DE REGION D'INTERET**
[72] BROWN, ROB, CA
[72] BOUCHARD, JEAN-PIERRE, CA
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[72] ACKERLEY, BRIAN, CA
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[54] **METHODES ET SYSTEMES DE GESTION DE MESSAGERIE ELECTRONIQUE**
[72] FLETCHER, DAVID, CA
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[72] APPS, SHELBY FRANCES, US
[72] HASSELL, JON P., US
[72] APPS, WILLIAM P., US
[71] REHRIG PACIFIC COMPANY, US
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[54] **SYSTEME ET METHODE DE CAPTAGE D'HUMIDITE**
[72] LIMODEHI, HAMID E., CA
[72] LEGARE, FRANCOIS, CA
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[54] **DISPOSITIF DE JUPE AERODYNAMIQUE DESTINE A UNE REMORQUE**
[72] DESJARDINS, PHILIPPE, CA
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[54] **PROCEDE ET SYSTEME D'OPTIMISATION D'UN PROCESSUS**
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[71] NELSON, ALBERT ROLAND, CA
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[54] **ASSEMBLAGE D'EPISSURE A TROIS VOIES A L'EPREUVE DU FEU**
[72] WANG, JIMMY, US
[72] DONG, WESLEY, US
[72] RAYMOND, HELENE, CA
[72] DRURY, RYAN, CA
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[54] **SYSTEME EFFICACE DE RANGEMENT DE FUSIL**
[72] LYNN, JOHN W., US
[72] GLOGOVSKY, RICHARD, US
[72] HETZEL, JOHN, US
[72] LUNDBERG, RYAN, US
[71] STACK-ON PRODUCTS CO., US
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[54] **MECANISME CONNECTEUR A PIVOT**
[72] TROUTMAN, SCOTT, US
[72] ELMER, ROGER, US
[72] KOLSTEE, TODD, US
[71] TRUCK-LITE CO., LLC, US
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[54] **GENERATEUR DE VAPEUR EN CIRCUIT OUVERT DESTINE A UN SITE D'EXPLOITATION DE CHAMP PETROLIER, ET METHODE**
[72] LAW, DEREK, CA
[72] GALVIN, MITCHELL, CA
[72] WIERSMA, JONATHAN J., CA
[71] PROPAK SYSTEMS LTD, CA
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[54] **EXTRACTION EN PHASE SOLIDE DISPERSIVE ENERGISEE RAPIDEMENT DESTINEE A L'ANALYSE CRITIQUE**
[72] COLLINS, MICHAEL J., SR., US
[72] LAMBERT, JOSEPH J., US
[72] BEARD, MATTHEW N., US
[72] ELLIOTT, PAUL C., US
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[54] **PROCEDE DE PRODUCTION D'UNE PROTEINE UNICELLULAIRE ET PRODUIT**
[72] GALLOP, CHARLES C., US
[72] GERKEN, CHRISTOPHER RILEY WILLIAM, US
[72] JAVERS, JEREMY EDWARD, US
[72] SPOONER, JESSE, US
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[72] ORLER, ANTHONY J., US
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[54] **LIQUID EXTRACTION APPARATUS AND METHOD**
[54] **APPAREIL D'EXTRACTION DE LIQUIDE ET METHODE**
[72] CHAVANA, ERNEST MATTHEW, JR., US
[72] FOSTER, RICHARD, US
[72] ANDERSON, STANLEY, US
[72] TERPSTRA, CHRISTOPHER, US
[72] VALENTIC, JAN, US
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[54] **CADRE DE CHENILLE A PARCOURS LONG ET MECANISME DE SUSPENSION PROGRESSIVE DESTINE A UN VEHICULE TERRESTRE ENTRAINE PAR UNE CHENILLE**
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[54] **CONTENANT ET METHODE DE FABRICATION ASSOCIEE**
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[72] PALMER, JOEY, US
[71] CONSOLIDATED CONTAINER COMPANY LP, US
[71] MILACRON LLC, US
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[72] ROCKWELL, GREGORY P., CA
[72] LANG, ALEXANDER S., CA
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[72] WANG, JINYONG, CN
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[54] **SYSTEME COUPLE ET METHODE DE SEPARATION ET SECHAGE DE CHARBON EN PARTICULES FINES HUMIDES**
[72] DONG, LIANG, CN
[72] ZHAO, YUEMIN, CN
[72] DUAN, CHENLONG, CN
[72] LU, JUNYU, CN
[72] ZHANG, BO, CN
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[54] **SYSTEME ET METHODE DE SUSPENSION D'UN ARTICLE A PARTIR D'UNE SURFACE DE SUPPORT**
[72] PYLE, MICHAEL LEE, US
[72] KRESSIN, MATTHEW SCOTT, US
[72] EHRHARDT, RICHARD JOSEPH, US
[72] COYLE, ROBERT TERRY, JR., US
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[54] **DISTRIBUTEUR COMPORTANT UN SOUS-ENSEMBLE POUR METTRE EN PRISE ET HORS PRISE SELECTIVEMENT UNE TIGE DE PISTON**
[72] HOLLAND, JAMES, US
[72] BENTON, MICHAEL, US
[72] RIVENBARK, MITCHELL, US
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[54] **EVALUATION DE LA FONCTION DE BARRIERE INTESTINALE POUR AMELIORER LE TRAITEMENT D'UNE MALADIE INTESTINALE INFLAMMATOIRE**
[72] LIU, JULIA J., US
[71] MAXIMUS DIAGNOSTIC TECHNOLOGIES LLC, US
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[54] **DISDROMETRE COMPORTANT UN TRANSDUCTEUR ACOUSTIQUE ET PROCEDES ASSOCIES**
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[72] SIEGFRIED, BENJAMIN JOSEPH, US
[72] SMITH, ADAM LEE, US
[71] ARABLE LABS, INC., US
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[54] **METHODS AND COMPOSITIONS FOR INHIBITING PMP22 EXPRESSION**
[54] **PROCEDES ET COMPOSITIONS POUR INHIBER L'EXPRESSION DE PMP22**
[72] HUNG, GENE, US
[72] KORDASIEWICZ, HOLLY, US
[72] ZHAO, HIEN THUY, US
[72] SWAYZE, ERIC E., US
[71] IONIS PHARMACEUTICALS, INC., US
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[54] **PROCEDES POUR MODULER KEAP1**
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[54] **PROCEDE D'ECHANTILLONNAGE DE LIQUIDE SOUS PRESSION**
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[72] MUSTOE, ANDREW CHRISTOPHER, GB
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[54] **NANOPARTICULES THERAPEUTIQUES COMPRENANT DES LIGANDS EGFR ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] ZALE, STEPHEN E., US
[72] MCDONNELL, KEVIN, US
[72] HORHOTA, ALLEN, US
[71] PFIZER INC., US
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[54] **PROCESSES FOR EXTRACTING AND RECOVERING LITHIUM VALUES FROM LITHIUM BEARING MATERIALS**
[54] **PROCEDES D'EXTRACTION ET DE RECUPERATION DE PRODUITS DE VALEUR AU LITHIUM A PARTIR DE MATERIAUX CONTENANT DU LITHIUM**
[72] CATOVIC, ENEJ, AU
[71] LITHIUM AUSTRALIA NL, AU
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[25] EN
[54] **METHOD OF PRODUCING A GRANULATED COMPOSITION**
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION GRANULEE**
[72] DOUROUMIS, DENNIS, GB
[72] MANIRUZZAMAN, MOHAMMED, GB
[72] BHATT, SAUMIL KIRITKUMAR, GB
[72] ALI, ANWAR, GB
[72] JANGRA, ARUN, GB
[71] CUBIC PHARMACEUTICALS LTD., GB
[71] DELTA PHARMACEUTICALS LTD., GB
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[25] EN
[54] **METHOD OF PREPARING AN EXTRUDED COMPOSITION**
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION EXTRUDEE**
[72] DOUROUMIS, DENNIS, GB
[72] MANIRUZZAMAN, MOHAMMED, GB
[72] BHATT, SAUMIL KIRITKUMAR, GB
[72] ALI, ANWAR, GB
[72] JANGRA, ARUN, GB
[71] CUBIC PHARMACEUTICALS LTD., GB
[71] DELTA PHARMACEUTICALS LTD., GB
[85] 2018-08-08
[86] 2016-02-09 (PCT/GB2016/050294)
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[25] FR
[54] **WATER ELECTROLYSIS SYSTEM (SOEC) OR FUEL CELL (SOFC) OPERATING UNDER PRESSURE IN A TIGHT ENCLOSURE WITH IMPROVED REGULATION**
[54] **SYSTEME D'ELECTROLYSE DE L'EAU (SOEC) OU PILE A COMBUSTIBLE (SOFC) A FONCTIONNEMENT SOUS PRESSION DANS UNE ENCEINTE ETANCHE DONT LA REGULATION EST AMELIOREE**
[72] PETITJEAN, MARIE, FR
[72] CHATROUX, ANDRE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2018-08-08
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[25] EN
[54] **METHODS FOR THE USE OF 5'-ADENOSINE DIPHOSPHATE RIBOSE (ADPR)**
[54] **METHODES POUR L'UTILISATION DE 5'-ADENOSINE DIPHOSPHATE RIBOSE (ADPR)**
[72] SHALWITZ, ROBERT, US
[71] INVIRSA, INC., US
[85] 2018-08-08
[86] 2017-02-17 (PCT/US2017/018253)
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[54] **METHOD AND COMPOSITION FOR RAPID DETECTION OF PROTEIN SOILS**
[54] **PROCEDE ET COMPOSITION DE DETECTION RAPIDE DE SALISSURES PROTEIQUES**
[72] FINISON, JEREMY BRENT, US
[72] BABEKIR, AMANI, US
[72] STAROBIN, ANNA, US
[71] ECOLAB USA INC., US
[85] 2018-08-08
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[54] **DUAL MODE VEHICLE MOUNTED CLEANING SYSTEM**
[54] **SYSTEME DE NETTOYAGE A DOUBLE MODE EMBARQUE DANS UN VEHICULE**
[72] SMITH, CHRISTOPHER WAYNE, US
[72] NESBIT, STERLING ELLIOT, US
[72] JENSEN, DALE, US
[71] HARRIS RESEARCH, INC., US
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[54] **ADAPTATEUR DE BOULON D'ANCRAGE**
[72] MCLAREN, MATTHEW DAVID, AU
[71] FERO STRATA SYSTEMS PTY LTD, AU
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[54] **BEVERAGE MAKER**
[54] **DISPOSITIF DE PREPARATION DE BOISSON**
[72] KALBFLEISCH, ALAN PAUL, CA
[71] KALBFLEISCH, ALAN PAUL, CA
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[54] **SYSTEM AND METHOD FOR CHARACTERIZING PARTICULATES IN A FLUID SAMPLE**
[54] **SYSTEME ET PROCEDE DE CARACTERISATION DE PARTICULES DANS UN ECHANTILLON DE FLUIDE**
[72] ASHCROFT, COLBY, US
[72] DIPAOLO, BRIAN, US
[72] KONICA, GJERGJI, US
[72] CASTNER, THOMAS, US
[72] CORDOVEZ, BERNARDO, US
[72] EARHART, CHRISTOPHER, US
[72] ERICKSON, DAVID, US
[72] HART, ROBERT, US
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[54] **LABEL-AFFIXING MACHINE AND STRETCH-WRAPPING MACHINE**
[54] **MACHINE DE FIXATION D'ETIQUETTE ET MACHINE D'EMBALLAGE SOUS FILM ETIRABLE**
[72] NISHIMURA, HIROMU, JP
[72] KIMOTO, SUSUMU, JP
[72] TOKURA, HIROAKI, JP
[72] HAYASHI, MITSUNOBU, JP
[72] TAI, YUUKI, JP
[71] ISHIDA CO., LTD., JP
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[54] **DISPOSITIF ET PROCEDE DE GESTION DE PRISE DE RENDEZ-VOUS**
[72] EL HAMROUNI, MOHAMMED, BE
[71] SHOW SAVE, BE
[71] EL HAMROUNI, MOHAMMED, BE
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[25] EN
[54] **PROCESS FOR REDUCTION OF SULFIDE FROM WATER AND WASTEWATER**
[54] **PROCEDE DE REDUCTION DE SULFURE DANS L'EAU ET LES EAUX USEES**
[72] BANERJEE, KASHI, US
[72] MUDDASANI, SRIKANTH, US
[72] PARKER, DAVID, US
[72] MACK, BERNARD ROY, US
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
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[25] EN
[54] **SYSTEMS AND METHODS FOR LINK LAYER SIGNALING OF UPPER LAYER INFORMATION**
[54] **SYSTEMES ET PROCEDE POUR LA SIGNALISATION DE COUCHE DE LIAISON D'INFORMATIONS DE COUCHE SUPERIEURE**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **PAQUETS DE CORRELATION DANS DES RESEAUX DE COMMUNICATION**
[72] AHN, DAVID K., US
[72] GEREMIA, PETER P., US
[72] MALLETT, PIERRE, III, US
[72] MOORE, SEAN, US
[72] PERRY, ROBERT T., US
[71] CENTRIPETAL NETWORKS, INC., US
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[51] **Int.Cl. H01M 2/14 (2006.01) H01M 2/16 (2006.01)**
[25] EN
[54] **THIN, HIGH DENSITY NONWOVEN SEPARATORS FOR ENERGY STORAGE DEVICES AND METHOD OF MANUFACTURING THEREOF**
[54] **SEPARATEURS NON TISSES MINCES HAUTE DENSITE POUR DES DISPOSITIFS DE STOCKAGE D'ENERGIE ET LEUR PROCEDE DE FABRICATION**
[72] MATTIA, TESTA, FR
[72] SCHNELLE, GIOVANNI, DE
[72] MORIN, BRIAN G., US
[71] DREAMWEAVER INTERNATIONAL, INC., US
[71] GLATFELTER GERNSBACH GMBH & CO. KG, DE
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[54] **TECHNIQUES DE CHIFFREMENT**
[72] RAY, KENNETH D., US
[72] THOMAS, ANDREW J., GB
[72] MERRY, ANTHONY JOHN, GB
[72] SCHUTZ, HARALD, GB
[72] BERGER, ANDREAS, GB
[72] SHAW, JOHN EDWARD TYRONE, GB
[72] ORTNER, STEFAN, AT
[72] VANBIERVLIET, VINCENT, NL
[72] GRUBER, NORBERT, AT
[72] HEIN, MARKUS, AT
[72] WINTERSBERGER, GERALD, GB
[72] WENZEL, ARTUR, AT
[72] HUMPHRIES, RUSSELL, GB
[72] SULLIVAN, GORDON, GB
[71] SOPHOS LIMITED, GB
[85] 2018-08-09
[86] 2016-06-17 (PCT/US2016/038020)
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[30] US (15/042,862) 2016-02-12
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[30] US (15/098,684) 2016-04-14
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[51] **Int.Cl. F01P 11/12 (2006.01)**
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[54] **ENHANCED INFLATABLE SOUND ATTENUATION SYSTEM**
[54] **SYSTEME D'ATTENUATION ACOUSTIQUE GONFLABLE AMELIORE**
[72] PILAAR, JAMES GRAY, US
[71] PILAAR, JAMES GRAY, US
[85] 2018-08-09
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[51] **Int.Cl. H04W 24/08 (2009.01) H04W 28/02 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR POLICY-BASED MULTIPATH WAN TRANSPORTS FOR IMPROVED QUALITY OF SERVICE OVER BROADBAND NETWORKS**
[54] **SYSTEME ET PROCEDE POUR DES TRANSPORTS DE RESEAU ETENDU MULTICHEMIN BASES SUR UNE POLITIQUE POUR UNE QUALITE DE SERVICE AMELIOREE SUR DES RESEAUX A LARGE BANDE**
[72] DILLON, DOUGLAS, US
[72] SABHARWAL, GAURAV, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2018-08-09
[86] 2017-02-10 (PCT/US2017/017554)
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[51] **Int.Cl. A43B 13/22 (2006.01) A43B 13/26 (2006.01)**
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[54] **TREAD PATTERN COMBINATION FOR NON-SLIP SHOES**
[54] **COMBINAISON DE MOTIFS DE SEMELLE POUR CHAUSSURES ANTIDERAPANTES**
[72] LUBART, RANDY N., US
[71] SHOES FOR CREWS, LLC, US
[85] 2018-08-09
[86] 2017-02-10 (PCT/US2017/017297)
[87] (WO2017/139528)
[30] US (15/040,751) 2016-02-10

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[51] **Int.Cl. H02G 3/08 (2006.01) H02G 3/06 (2006.01) H02G 15/10 (2006.01)**
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[54] **ENCLOSURE ARRANGEMENTS; COMPONENTS; AND METHODS**
[54] **AGENCEMENTS D'ENCEINTES, COMPOSANTS ET PROCEDES**
[72] LEDGERWOOD, ADAM DOUGLAS, US
[72] TUPER, TERRY LEE, US
[72] DECARR, GRAIG EDMUND, US
[72] LJUCA, MEVZAD, US
[72] MANAHAN, JOSEPH MICHAEL, US
[72] SCARLATA, ANDREW FRANCIS, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[51] **Int.Cl. B23K 11/11 (2006.01)**
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[54] **METHOD FOR IMPROVING QUALITY OF ALUMINUM RESISTANCE SPOT WELDING**
[54] **PROCEDE PERMETTANT D'AMELIORER LA QUALITE DE SOUDAGE PAR POINTS PAR RESISTANCE D'ALUMINIUM**
[72] CHAI, XIAO, US
[72] MALPICA, JULIO, US
[72] KULKARNI, RAHUL VILAS, US
[71] NOVELIS INC., US
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[25] EN
[54] **NOVEL ANTIGEN FOR USE IN MALARIA VACCINE**
[54] **NOUVEL ANTIGENE DESTINE A ETRE UTILISE DANS UN VACCIN ANTIPALUDIQUE**
[72] AGUIAR, JOAO CARLOS, US
[71] CAMRIS INTERNATIONAL, INC., US
[85] 2018-08-09
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[54] **REACTOR**
[54] **REACTEUR**
[72] YANO, AKIHISA, JP
[72] OKA, TATSUYA, JP
[72] AKITA, TAKAHITO, JP
[72] YAMAMOTO, TAIGA, JP
[72] SHIBUYA, HIDESHI, JP
[72] KAMEOKA, YUSHI, JP
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[72] YASUI, KOKI, JP
[72] YOSHINOYA, TAKUYA, JP
[71] IHI CORPORATION, JP
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[54] **COMPOSITIONS ADAPTOGENES ET LEURS APPLICATIONS**
[72] MAJEED, MUHAMMED, US
[72] NAGABHUSHANAM, KALYANAM, US
[71] SAMI LABS LIMITED, IN
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[54] **SYSTEME DE TELESCOPE SPHERIQUE COMPACT A DIFFRACTION LIMITEE POUR LA DETECTION A DISTANCE DANS UN SYSTEME DE SATELLITE**
[72] HALDEMAN, BENJAMIN, US
[72] WARGA, JOSEPH, US
[71] PLANET LABS INC., US
[85] 2018-08-07
[86] 2017-02-17 (PCT/US2017/018448)
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[51] **Int.Cl. H04L 29/06 (2006.01)**
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[54] **METHOD FOR USING CRYPTOGRAPHY AND AUTHENTICATION METHODS AND SYSTEM FOR CARRYING OUT SAID METHOD**
[54] **PROCEDE DE MISE EN ŒUVRE DE PROCEDES DE CRYPTOGRAPHIE ET D'AUTHENTIFICATION, ET SYSTEME D'EXECUTION DU PROCEDE**
[72] BOECKELER, GREGOR, DE
[72] COLLE, NIELS, DE
[72] MAIER, THOMAS, DE
[72] STOLL, MICHAEL, DE
[72] SCHAFFNER, JOHANNES, DE
[72] WEHR, STEPHAN, DE
[71] SECUNET SECURITY NETWORKS AG, DE
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[54] **AIRCRAFT LANDING GEAR AND METHOD**
[54] **TRAIN D'ATTERRISSAGE D'AERONEF ET PROCEDE**
[72] ROBINSON, ERIC BRIAN, CA
[71] E.B. ROBINSON LTD., CA
[71] ROBINSON, ERIC BRIAN, CA
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[54] **ACID FREE GLYOXAL AS FIXATIVE FOR HISTOLOGICAL PREPARATIONS**
[54] **GLYOXAL SANS ACIDE UTILISE COMME FIXATEUR POUR LES PREPARATIONS HISTOLOGIQUES**
[72] BUSSOLATI, GIOVANNI, IT
[71] ADDAX BIOSCIENCES S.R.L., IT
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[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE RESEAU ELECTRIQUE**
[72] TOWNSEND, WILLIAM, US
[71] LIVE POWER INTELLIGENCE COMPANY NA, LLC, US
[71] TOWNSEND, WILLIAM, US
[85] 2018-08-09
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[87] (WO2017/137964)
[30] US (62/294,056) 2016-02-11

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[51] **Int.Cl. E21B 47/00 (2012.01) E21B 49/00 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING SURVEY MEASUREMENT DENSITY ALONG A BOREHOLE**
[54] **PROCEDE D'AMELIORATION DE DENSITE DE MESURE DE SONDAGE LE LONG D'UN TROU DE FORAGE**
[72] WILLERTH, MARC, US
[72] HAWKINSON, BENJAMIN C., US
[72] GLEASON, BRIAN D., US
[71] SCIENTIFIC DRILLING INTERNATIONAL, INC., US
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[51] **Int.Cl. H01F 41/06 (2016.01) G01R 31/06 (2006.01) H01F 5/00 (2006.01)**
[25] EN
[54] **OPTICAL SENSING METHODS AND SYSTEMS FOR POWER APPLICATIONS, AND THE CONSTRUCTION THEREOF**
[54] **PROCEDES ET SYSTEMES DE DETECTION OPTIQUE POUR DES APPLICATIONS ELECTRIQUES, ET LEUR CONSTRUCTION**
[72] MANUELPILLAI, GERALD, CA
[72] TCHAPLIA, ILYA, CA
[72] VISWASAM, ANSELM, CA
[72] ZENG, GUANG, CA
[71] HYPERION SENSORS INC., CA
[85] 2018-08-10
[86] 2017-02-14 (PCT/CA2017/050178)
[87] (WO2017/139873)
[30] US (62/295,351) 2016-02-15

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[13] A1
[51] **Int.Cl. A62C 35/60 (2006.01) A62C 35/64 (2006.01) A62C 35/68 (2006.01)**
[25] EN
[54] **ALARM VALVE STATION OF A FIRE EXTINGUISHING SYSTEM AND FIRE EXTINGUISHING SYSTEM**
[54] **STATION DE VANNE D'ALARME D'UN SYSTEME D'EXTINCTION D'INCENDIE ET SYSTEME D'EXTINCTION D'INCENDIE**
[72] POHL, MATTHIAS, DE
[71] MINIMAX GMBH & CO. KG, DE
[85] 2018-08-10
[86] 2016-12-20 (PCT/EP2016/081848)
[87] (WO2017/140402)
[30] DE (10 2016 202 441.8) 2016-02-17

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[13] A1
[51] **Int.Cl. G06F 19/18 (2011.01) A61K 35/17 (2015.01) A61K 47/50 (2017.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61K 48/00 (2006.01) C12Q 1/68 (2018.01) G01N 33/569 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **HIGH-THROUGHPUT IDENTIFICATION OF PATIENT-SPECIFIC NEOEPITOPES AS THERAPEUTIC TARGETS FOR CANCER IMMUNOTHERAPIES**
[54] **IDENTIFICATION A HAUT DEBIT DE NEOEPITOPES SPECIFIQUES AU PATIENT EN TANT QUE CIBLES THERAPEUTIQUES POUR LES IMMUNOTHERAPIES DU CANCER**
[72] NGUYEN, ANDREW, US
[72] SANBORN, JOHN, ZACHARY, US
[72] BENZ, STEPHEN, CHARLES, US
[72] NIAZI, KAYVAN, US
[72] RABIZADEH, SHAHROOZ, US
[72] SOON-SHIONG, PATRICK, US
[72] VASKE, CHARLES, JOSEPH, US
[71] NANTOMICS, LLC, US
[71] NANT HOLDINGS IP, LLC, US
[85] 2018-08-09
[86] 2017-02-10 (PCT/US2017/017549)
[87] (WO2017/139694)
[30] US (62/294,665) 2016-02-12

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[13] A1
[51] **Int.Cl. D01D 5/06 (2006.01) D01F 2/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF POLYMER FIBERS FROM POLYMERS DISSOLVED IN IONIC LIQUIDS BY MEANS OF AN AIR GAP SPINNING PROCESS**
[54] **PROCEDE POUR PRODUIRE DES FIBRES POLYMERES A PARTIR DE POLYMERES DISSOUTS DANS DES LIQUIDES IONIQUES AU MOYEN D'UN PROCEDE DE FILAGE AVEC ESPACE D'AIR**
[72] ABELS, FALKO, DE
[72] CWIK, TOMASZ, DE
[72] BEYER, RONALD, DE
[72] HERMANUTZ, FRANK, DE
[71] DEUTSCHE INSTITUTE FUR TEXTIL- UND FASERFORSCHUNG DENKENDORF, DE
[85] 2018-08-10
[86] 2017-02-01 (PCT/EP2017/052078)
[87] (WO2017/137284)
[30] EP (16155254.2) 2016-02-11

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[13] A1
[51] **Int.Cl. A61L 27/36 (2006.01) A61K 8/97 (2017.01) A61K 9/00 (2006.01) A61K 47/46 (2006.01)**
[25] EN
[54] **DECELLULARISED CELL WALL STRUCTURES FROM PLANTS AND FUNGUS AND USE THEREOF AS SCAFFOLD MATERIALS**
[54] **STRUCTURES DE PAROIS CELLULAIRES DECELLULARISEES PROVENANT DE PLANTES ET DE CHAMPIGNONS ET LEUR UTILISATION COMME MATERIAUX D'ECHAFAUDAGE**
[72] PELLING, ANDREW EDWARD, CA
[72] CUERRIER, CHARLES MICHEL, CA
[72] MODULEVSKY, DANIEL J., CA
[72] HICKEY, RYAN JOSEPH, CA
[71] UNIVERSITY OF OTTAWA, CA
[85] 2018-08-10
[86] 2017-02-10 (PCT/CA2017/050163)
[87] (WO2017/136950)
[30] US (62/294,671) 2016-02-12

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[13] A1
[51] **Int.Cl. B01J 37/02 (2006.01) B01D 53/86 (2006.01) B01J 23/10 (2006.01) B01J 23/44 (2006.01) B01J 23/745 (2006.01) B01J 23/755 (2006.01) B01J 35/02 (2006.01) B01J 35/04 (2006.01) B01J 35/10 (2006.01)**
[25] EN
[54] **STAINLESS STEEL FOAM SUPPORTED CATALYSTS FOR THE OXIDATION OF AROMATIC COMPOUNDS**
[54] **CATALYSEURS SUPPORTES SUR MOUSSE EN ACIER INOXYDABLE POUR L'OXYDATION DE COMPOSES AROMATIQUES**
[72] IRVINE, JOHN THOMAS SIRR, GB
[72] CASSIDY, MARK, GB
[72] JAIN, SNEH, GB
[71] UNIVERSITY COURT OF THE UNIVESRITY OF ST ANDREWS, GB
[85] 2018-08-09
[86] 2017-02-10 (PCT/GB2017/050351)
[87] (WO2017/137766)
[30] GB (1602590.0) 2016-02-12

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[51] **Int.Cl. D01F 9/16 (2006.01) D01F 2/00 (2006.01) D06M 13/256 (2006.01) D06M 13/463 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING CARBON FIBERS FROM CELLULOSIC FIBERS TREATED WITH SULPHONIC ACID SALTS**
[54] **PROCEDE DE PRODUCTION DE FIBRES DE CARBONE A PARTIR DE FIBRES CELLULOSIQUES TRAITEES AVEC DES SELS ACIDES SULPHONIQUES**
[72] ABELS, FALKO, DE
[72] MERGER, MARTIN, DE
[72] CWIK, TOMASZ, DE
[72] MASSONNE, KLEMENS, DE
[72] SPORL, JOHANNA, DE
[72] HERMANUTZ, FRANK, DE
[72] BUCHMEISER, MICHAEL R., DE
[71] DEUTSCHE INSTITUTE FUR TEXTIL- UND FASERFORSCHUNG DENKENDORF, DE
[85] 2018-08-10
[86] 2017-02-01 (PCT/EP2017/052079)
[87] (WO2017/137285)
[30] EP (16155261.7) 2016-02-11

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[13] A1
[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/119 (2014.01) H04N 19/129 (2014.01) H04N 19/176 (2014.01) H04N 19/593 (2014.01)**
[25] EN
[54] **A METHOD AND DEVICE FOR INTRA-PREDICTIVE ENCODING/DECODING A CODING UNIT COMPRISING PICTURE DATA, SAID INTRA-PREDICTIVE ENCODING DEPENDING ON A PREDICTION TREE AND A TRANSFORM TREE**
[54] **PROCEDE ET DISPOSITIF POUR LE CODAGE/DECODAGE PAR PREDICTION INTRA D'UNE UNITE DE CODAGE COMPRENANT DES DONNEES D'IMAGE, LEDIT CODAGE PAR PREDICTION INTRA DEPENDANT D'UN ARBRE DE PREDICTION ET D'UN ARBRE DE TRANSFORMATION**
[72] LELEANNEC, FABRICE, FR
[72] POIRIER, TANGI, FR
[72] RATH, GAGAN, FR
[72] URBAN, FABRICE, FR
[71] THOMSON LICENSING, FR
[85] 2018-08-10
[86] 2017-02-03 (PCT/EP2017/052322)
[87] (WO2017/137312)
[30] EP (16305160.0) 2016-02-12

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[51] **Int.Cl. A61B 18/20 (2006.01)**
[25] EN
[54] **DEVICE FOR IRRADIATING THE SKIN**
[54] **DISPOSITIF D'IRRADIATION DE LA PEAU**
[72] FATEMI, AFSCHIN, DE
[71] FATEMI, AFSCHIN, DE
[85] 2018-08-10
[86] 2017-02-17 (PCT/EP2017/053589)
[87] (WO2017/140829)
[30] EP (16156270.7) 2016-02-18

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[13] A1
[51] **Int.Cl. C09D 175/00 (2006.01)**
[25] EN
[54] **AQUEOUS DISPERSIONS COMPRISING MULTISTAGE-PREPARED POLYMERS AND COATING MATERIAL COMPOSITIONS COMPRISING THEM**
[54] **DISPERSIONS AQUEUSES COMPRENANT DES POLYMERES PREPARES EN PLUSIEURS ETAPES ET COMPOSITIONS DE MATERIAU DE REVETEMENT LES CONTENANT**
[72] CORTEN, CATHRIN, DE
[72] EIERHOFF, DIRK, DE
[72] SCHNIEDERS, BRITTA, DE
[72] FREITAG, NICOLE, DE
[72] GRUMPE, HEINZ-ULRICH, DE
[72] VIENENKOETTER, MECHTHILD, DE
[72] NICKOLAUS, RALF, DE
[71] BASF COATINGS GMBH, DE
[85] 2018-08-10
[86] 2017-02-23 (PCT/EP2017/054203)
[87] (WO2017/148796)
[30] EP (16157995.8) 2016-03-01

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[13] A1
[51] **Int.Cl. B29C 67/00 (2017.01) C08L 77/02 (2006.01) C08L 77/06 (2006.01)**
[25] EN
[54] **KAOLIN FOR THE MECHANICAL REINFORCEMENT OF POLYMERIC LASER SINTER POWDER**
[54] **KAOLIN DESTINE A RENFORCER MECANIQUEMENT UNE POUDRE POLYMERE POUR LE FRITTAGE LASER**
[72] GABRIEL, CLAUS, DE
[72] LOHWASSER, RUTH, DE
[72] KLOKE, PHILIPP, DE
[72] GRAMLICH, SIMON, DE
[72] OSTERMANN, RAINER, DE
[71] BASF SE, DE
[85] 2018-08-10
[86] 2017-02-16 (PCT/EP2017/053481)
[87] (WO2017/140764)
[30] EP (16156543.7) 2016-02-19

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[51] **Int.Cl. G02B 27/01 (2006.01) B32B 17/10 (2006.01) C03C 17/36 (2006.01)**
[25] EN
[54] **HEAD-UP DISPLAY SYSTEM**
[54] **SYSTEME D'AFFICHAGE TETE HAUTE**
[72] FISCHER, KLAUS, DE
[72] KUEHNE, MATTHIAS, DE
[72] HORNSCHUH, SANDRA, DE
[72] ZIMMERMANN, ROBERTO, DE
[72] HENSELER, MARTIN, DE
[72] SCHAEFER, DAGMAR, DE
[72] JANSEN, MICHAEL, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-08-10
[86] 2017-03-20 (PCT/EP2017/056480)
[87] (WO2017/198363)
[30] EP (16169824.6) 2016-05-17

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[13] A1
[51] **Int.Cl. G06F 3/0346 (2013.01) G06F 3/0354 (2013.01)**
[25] EN
[54] **WIRELESS POSITIONING PEN WITH PRESSURE-SENSITIVE TIP**
[54] **CRAYON DE POSITIONNEMENT SANS FIL DOTE D'UNE POINTE SENSIBLE A LA PRESSION**
[72] MIHAL, MAREK, CZ
[72] MIHAL, ALEXANDR, CZ
[71] O.PEN.S.R.O., SK
[85] 2018-08-10
[86] 2016-05-20 (PCT/IB2016/000689)
[87] (WO2017/144936)
[30] CZ (pv 2016-111) 2016-02-25

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[13] A1
[51] **Int.Cl. A47G 7/07 (2006.01) A01G 5/04 (2006.01) A41G 1/00 (2006.01) A47G 7/06 (2006.01)**
[25] EN
[54] **FLORAL ARRANGING APPARATUS**
[54] **APPAREIL D'AGENCEMENT FLORAL**
[72] WONG, JAMES, CA
[71] FLORA GUPPY HOLDINGS INC., CA
[85] 2018-08-10
[86] 2017-10-20 (PCT/CA2017/051263)
[87] (WO2018/072041)
[30] CA (PCT/CA2016/051219) 2016-10-20

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[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) F01N 13/00 (2010.01) B01D 53/18 (2006.01) B01D 53/50 (2006.01) B01D 53/78 (2006.01) F01N 3/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING THE AMOUNT OF SULFUR OXIDES IN EXHAUST GAS**
[54] **SYSTEME ET PROCEDE POUR REDUIRE LA QUANTITE D'OXYDES DE SOUFRE DANS LES GAZ D'ECHAPPEMENT**
[72] BAHADUR THAPA, SHYAM, NO
[72] STRANDBERG, PETER, NO
[71] YARA MARINE TECHNOLOGIES AS, NO
[85] 2018-08-10
[86] 2017-06-23 (PCT/EP2017/065484)
[87] (WO2017/220759)
[30] EP (16176030.1) 2016-06-23

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[13] A1
[51] **Int.Cl. C08J 9/224 (2006.01) C08J 9/232 (2006.01) C08J 9/236 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A SOUND AND/OR THERMAL INSULATION ELEMENT AND SOUNDAND/OR THERMAL INSULATION ELEMENT**
[54] **PROCEDE DE REALISATION D'UN ELEMENT D'ISOLATION CONTRE LE BRUIT ET/OU LA CHALEUR ET ELEMENT D'ISOLATION CONTRE LE BRUIT ET/OU LA CHALEUR**
[72] HITZLER, MARTIN, DE
[72] WEIER, ANDREAS, DE
[72] BURGETH, GERALD, DE
[71] STO SE & CO. KGAA, DE
[85] 2018-08-10
[86] 2016-11-17 (PCT/EP2016/077962)
[87] (WO2017/140388)
[30] EP (16156509.8) 2016-02-19

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **METHOD FOR DETECTING ACTIVE TUBERCULOSIS**
[54] **PROCEDE DE DETECTION DE LA TUBERCULOSE ACTIVE**
[72] NOURSADEGHI, MAHDAD, GB
[72] ROE, JENNIFER, GB
[72] MARTINEAU, ADRIAN, GB
[71] UCL BUSINESS PLC, GB
[85] 2018-08-10
[86] 2017-02-24 (PCT/GB2017/050483)
[87] (WO2017/144894)
[30] GB (1603367.2) 2016-02-26

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[13] A1
[51] **Int.Cl. C07D 417/12 (2006.01) C07J 9/00 (2006.01)**
[25] EN
[54] **CELLULAR SIGNALLING INHIBITORS, THEIR FORMULATIONS AND METHODS THEREOF**
[54] **INHIBITEURS DE SIGNALISATION CELLULAIRE, LEURS FORMULES ET LEURS PROCEDES**
[72] ROY, MONIDEEPA, US
[72] BISWAS, GOUTAM, IN
[72] SURYAVANSHI, HEMANT, IN
[72] MUKHERJEE, ANUBHAB, IN
[72] KULKARNI, ASHISH, US
[72] SENGUPTA, SHILADITYA, US
[71] INVICTUS ONCOLOGY PVT. LTD., IN
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2018-08-10
[86] 2017-02-11 (PCT/IB2017/050770)
[87] (WO2017/137958)
[30] US (62/293,928) 2016-02-11

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[13] A1
[51] **Int.Cl. E21B 25/16 (2006.01) E21B 17/06 (2006.01)**
[25] EN
[54] **A CORE DRILLING SYSTEM AND METHOD FOR OBTAINING AN ORIENTATED ROCK CORE SAMPLE USING SAID CORE DRILLING SYSTEM**
[54] **SYSTEME DE CAROTTAGE, ET PROCEDE POUR OBTENIR UN ECHANTILLON DE CAROTTE DE ROCHE ORIENTE A L'AIDE DUDIT SYSTEME DE CAROTTAGE**
[72] BORG, EIRIK, NO
[71] HUYGENS AS, NO
[85] 2018-08-10
[86] 2017-04-07 (PCT/NO2017/050087)
[87] (WO2017/176127)
[30] NO (20160580) 2016-04-08
[30] NO (20161581) 2016-09-30

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[13] A1
[51] **Int.Cl. H04N 19/176 (2014.01) H04N 19/129 (2014.01) H04N 19/136 (2014.01) H04N 19/18 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SCAN ORDER SELECTION**
[54] **PROCEDE ET APPAREIL DE SELECTION D'ORDRE DE BALAYAGE**
[72] RUFITSKIY, VASILY ALEXEEVICH, CN
[72] FILIPPOV, ALEXEY KONSTANTINOVICH, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-08-10
[86] 2016-02-12 (PCT/RU2016/000068)
[87] (WO2017/138831)

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[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01)**
[25] EN
[54] **MODULAR WELL PAD SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE PLATEFORME DE PUITS MODULAIRE**
[72] HARDY, PAUL, CA
[72] OVERY, JOE, CA
[71] BANTREL CO., CA
[85] 2018-08-10
[86] 2017-02-10 (PCT/IB2017/000191)
[87] (WO2017/137846)
[30] US (62/294,477) 2016-02-12

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[13] A1
[51] **Int.Cl. F24F 11/63 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AIR TEMPERATURE CONTROL USING A TARGET TIME BASED CONTROL PLAN**
[54] **SYSTEMES ET PROCEDES POUR LA REGULATION DE LA TEMPERATURE DE L'AIR AU MOYEN D'UN PLAN DE REGULATION BASE SUR UN DELAI CIBLE**
[72] NOTARO, DOUGLAS, US
[72] FISHER, JAMES, US
[71] GOODMAN MANUFACTURING COMPANY L.P., US
[85] 2018-08-10
[86] 2016-02-12 (PCT/US2016/017798)
[87] (WO2017/138956)

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[13] A1
[51] **Int.Cl. E03F 7/10 (2006.01) B08B 9/04 (2006.01) B60P 3/14 (2006.01) E03F 9/00 (2006.01)**
[25] EN
[54] **DUAL TAKE OFF SYSTEM**
[54] **SYSTEME DE REPRISE DOUBLE**
[72] WICHMANN, JOHN, US
[72] STUART, STANLEY, US
[71] SEWER EQUIPMENT COMPANY OF AMERICA, US
[85] 2018-08-10
[86] 2016-02-24 (PCT/US2016/019276)
[87] (WO2017/142565)
[30] US (15/044,539) 2016-02-16

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[13] A1
[51] **Int.Cl. C07D 403/02 (2006.01) C07D 411/02 (2006.01) C07D 495/04 (2006.01)**
[25] EN
[54] **DEUTERIUM-MODIFIED CFTR MODULATORS**
[54] **MODULATEURS DE CFTR MODIFIES PAR DEUTERIUM**
[72] SILVERMAN, ROBERT, L, US
[71] VERTEX PHARMACEUTICALS (EUROPE) LIMITED, GB
[85] 2018-08-10
[86] 2017-02-10 (PCT/US2017/017362)
[87] (WO2017/139569)
[30] US (62/294,543) 2016-02-12

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[13] A1
[51] **Int.Cl. B25B 13/54 (2006.01)**
[25] EN
[54] **KEY WRENCH**
[54] **CLEF ALLEN**
[72] IKADA, AKIRA, JP
[72] KONO, TOYOHIKO, JP
[72] NOMURA, KOYA, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2018-08-10
[86] 2017-01-06 (PCT/JP2017/000282)
[87] (WO2017/183237)
[30] JP (2016-085373) 2016-04-21

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[51] **Int.Cl. F04B 9/02 (2006.01) F04B 17/00 (2006.01) F04B 17/03 (2006.01) F04B 17/05 (2006.01) F04D 13/02 (2006.01)**
[25] EN
[54] **TRANSMISSION FOR PUMP SUCH AS HYDRAULIC FRACTURING PUMP**
[54] **TRANSMISSION POUR POMPE TELLE QU'UNE POMPE DE FRACTURATION HYDRAULIQUE**
[72] BUCKLEY, CHRISTOPHER, US
[71] S.P.M. FLOW CONTROL, INC., US
[85] 2018-08-10
[86] 2017-02-08 (PCT/US2017/016965)
[87] (WO2017/139348)
[30] US (62/294,013) 2016-02-11

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[51] **Int.Cl. B60L 15/20 (2006.01) B60L 11/18 (2006.01) B60W 10/08 (2006.01) B60W 10/10 (2012.01) B60W 10/26 (2006.01) B60W 30/14 (2006.01) B60W 30/18 (2012.01)**
[25] EN
[54] **SPEED CONTROLLED SWITCHING SYSTEM FOR RIDE-ON VEHICLE**
[54] **SYSTEME DE COMMUTATION A VITESSE COMMANDEE POUR VEHICULE PORTEUR**
[72] YOUNG, MATTHEW E., US
[72] ECKERT, CAMERON, US
[72] YANG, ZHI GANG, CN
[72] CHEN, CONG, CN
[71] RADIO FLYER INC., US
[85] 2018-08-10
[86] 2017-02-10 (PCT/US2017/017333)
[87] (WO2017/139549)
[30] US (62/294,519) 2016-02-12
[30] US (62/305,776) 2016-03-09
[30] US (15/428,756) 2017-02-09

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[13] A1
[51] **Int.Cl. E02D 3/074 (2006.01) E01C 19/38 (2006.01)**
[25] EN
[54] **DEVICE FOR COMPACTING A SUBSTRATE**
[54] **DISPOSITIF POUR COMPACTER UN SOL**
[72] HORSTER, JOCHEN, DE
[71] AMMANN SCHWEIZ AG, CH
[85] 2018-08-10
[86] 2017-02-01 (PCT/EP2017/052093)
[87] (WO2017/144245)
[30] DE (10 2016 103 024.4) 2016-02-22

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[13] A1
[51] **Int.Cl. A61M 5/168 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **AMBULATORY INFUSION PUMPS AND ASSEMBLIES FOR USE WITH SAME**
[54] **POMPES A PERFUSION AMBULATOIRES ET ENSEMBLES A UTILISER AVEC CELLE-CI**
[72] SMITH, ROGER E., US
[72] HE, TOM XIAOBAI (DESEASED), US
[71] PERQFLO, LLC, US
[85] 2018-08-10
[86] 2017-02-12 (PCT/US2017/017585)
[87] (WO2017/139723)
[30] US (62/294,941) 2016-02-12

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[13] A1
[51] **Int.Cl. C10L 1/02 (2006.01) C10L 1/233 (2006.01) C10L 10/10 (2006.01)**
[25] EN
[54] **FUEL ADDITIVES**
[54] **ADDITIFS POUR CARBURANTS**
[72] ALI, RANA, GB
[72] FILIP, SORIN VASILE, GB
[71] BP OIL INTERNATIONAL LIMITED, GB
[85] 2018-08-10
[86] 2017-02-09 (PCT/EP2017/052933)
[87] (WO2017/137521)
[30] EP (16155212.0) 2016-02-11

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[54] **APPAREIL ET PROCEDE DE FIXATION POUR REMPLACEMENT DE CHEVILLE TOTAL**
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[72] HOWLES, ROBERT M., US
[72] SANDER, ELIZABETH J., US
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[72] SAID, NUDER, US
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[54] **DERIVES DE TETRAZOLE COMME INHIBITEURS DU CYTOCHROME P450**
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[72] SIRSJO, ALLAN, SE
[72] STRID, AKE, SE
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[54] **TRAITEMENT ET PREVENTION D'UNE MALADIE VASCULAIRE RETINIENNE PAR PHOTOCOAGULATION**
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[72] FU, XIAO, US
[72] GLAZIER, JAMES A., US
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[72] JOHNSEN, TROND OTTO, NO
[71] AKVADESIGN AS, NO
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[54] **RASOIR DE CORPS REGLABLE, SYSTEME ET PROCEDE**
[72] GEGG, PETER ALEXANDER, US
[72] GEGG, CHRISTOPHER JOSEPH, US
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[54] **STATION DE DISTRIBUTION DE CARBURANT**
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[72] CAJIGA, ALEXANDRA, US
[71] CAPAT LLC, US
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[54] **METHODES ET SYSTEMES DE DETECTION DE CARYOTYPES ANORMAUX**
[72] MAXWELL, EVAN, US
[72] HABEGGER, LUKAS, US
[72] REID, JEFFREY, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **GENERATION DE FEUILLE DE ROUTE BASEE SUR DES PARAMETRES POUR DES OPERATIONS DE FOND DE TROU**
[72] WISE, MATTHEW E., US
[72] URDANETA, GUSTAVO, US
[72] THANDRA ASWINIKUMAR, MAHESH KUMAR, US
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[54] **FORMULATIONS D'ORITAVANCINE**
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[72] FAR, ADEL RAFAI, US
[72] LEHOUX, DARIO, US
[72] KRISHNA, GOPAL, US
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[54] **WELLBORE FLOW DIVERSION TOOL UTILIZING TORTUOUS PATHS IN BOW SPRING CENTRALIZER STRUCTURE**
[54] **OUTIL DE DEVIATION D'ECOULEMENT EN PUITS DE FORAGE UTILISANT DES CHEMINEMENTS SINUEUX DANS UNE STRUCTURE DE CENTREUR A RESSORTS ARQUES**
[72] WILLIAMSON, SCOTT EARL, US
[72] DEDMAN, MICHAEL R., US
[71] KLX ENERGY SERVICES LLC, US
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[54] **ELABORATION D'UN TRAITEMENT ANTI-CORROSION PAR VOIE SOL-GEL**
[72] CAMBON, JEAN-BAPTISTE, FR
[72] ESTEBAN, JULIEN, FR
[72] MAFOUANA, ROLAND RODRIGUE, FR
[72] RUETSCH, JEAN-PHILIPPE, FR
[71] SAFRAN, FR
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[54] **SYSTEMES ET PROCEDES D'INTERROGATION DE BASES DE DONNEES UTILISANT DES INTERFACES UTILISATEUR GRAPHIQUES COMPRENANT DES PILES DE CONCEPTS**
[72] MILLER, RICHARD D., US
[72] MYERS, JACOB AARON, US
[72] MEHRA, GAURAV, US
[72] FRASCONE, TODD J., US
[72] JALLES, JORDAN, US
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[54] **SYSTEME ET PROCEDE DE SUPPRESSION D'ECARTS DE FREQUENCE DE RESEAU ELECTRIQUE**
[72] VISSER, LEENDERT, NL
[72] KLUNDER, JOHANNES CORNELIS, NL
[71] S4 ENERGY B.V., NL
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[54] **METHOD AND APPARATUS FOR SCAN ORDER SELECTION**
[54] **PROCEDE ET APPAREIL POUR UNE SELECTION D'ORDRE DE BALAYAGE**
[72] RUFITSKIY, VASILY ALEXEEVICH, CN
[72] FILIPPOV, ALEXEY KONSTANTINOVICH, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **APPAREIL ET PROCEDE DE FIXATION AU SOL D'UN POTEAU COMPOSITE**
[72] FJELDE, OLE GUNNAR, NO
[72] FJELDE, TORBJORN, NO
[72] HABAKK, SIGURD, NO
[71] COMROD AS, NO
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[72] WIDHE, MONA, SE
[72] JOHANSSON, ULRIKA, SE
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[72] GALIMBERTI, CRISTIANO, IT
[72] COROCHER, CARLO, IT
[72] NEGRESCU, CATALIN, RO
[72] MARIANI, ANDREA, IT
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[72] WERNER, KATJA, DE
[72] LESMEISTER, LOTHAR, NL
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[54] **FLEXIBLE CONTAINER FOR CONCENTRATED PRODUCT**
[54] **RECIPIENT SOUPLE POUR PRODUIT CONCENTRE**
[72] CARDONES, MICHELLE, US
[72] MOSCHEROSCH, H. MICHAEL, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **ENSEMBLES NOYAUX DESTINES A ABSORBER DES LIQUIDES ET PRODUITS ABSORBANTS UTILISANT LESDITS ENSEMBLES NOYAUX**
[72] SHELDON, DONALD A., US
[72] HOWARD, JOSEPH, US
[72] TERENZONI, WILLIAM, US
[71] ADVANCED ABSORBENT TECHNOLOGIES, LLC, US
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[25] EN
[54] **ENZYME DESTABILIZERS FOR DESTABILIZING ENZYMES PRODUCING SULFUR CONTAINING COMPOUNDS IN DOWNHOLE FLUIDS**
[54] **DESTABILISATEURS D'ENZYME POUR DESTABILISER DES ENZYMES PRODUISANT DES COMPOSES CONTENANT DU SOUFRE DANS DES FLUIDES DE FOND**
[72] ARMSTRONG, CHARLES DAVID, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **COMPOSITIONS A BASE DE CHROME POUR AMELIORER LA SANTE ET LA FORME PHYSIQUE**
[72] KOMOROWSKI, JAMES R., US
[71] NUTRITION 21, LLC, US
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[54] **CAPTEUR SANS FIL DE DETECTION DE GAZ**
[72] JONES, KENNETH A., II, US
[72] URBANOVSKY, LEONARD B., US
[72] TOUPS, LANCE J., US
[72] MASI, ROBERT J., US
[71] DETCON, INC., US
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[54] **CONTAINER WITH CHILD RESISTANT CLOSURE AND METHODS OF MAKING THE SAME**
[54] **RECEPTACLE COMPORTANT UNE FERMETURE DE SECURITE A L'EPREUVE DES ENFANTS ET SES PROCEDES DE FABRICATION**
[72] GIRAUD, JEAN-PIERRE, US
[72] PICHOT, HERVE, FR
[72] LUCAS, FRANKLIN LEE, JR., US
[71] CSP TECHNOLOGIES, INC., US
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[54] **PORTE COUPE-FEU EN TISSU**
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[72] FEIST, BRIAN, US
[72] DAWDY, DAVID, US
[72] KLISH, IAN, US
[71] CORNELLCOOKSON, LLC, US
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[30] US (62/294,582) 2016-02-12
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[30] US (PCT/US2017/13501) 2017-01-13
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[54] **NON-ANTAGONISTIC ANTIBODIES DIRECTED AGAINST THE ALPHA CHAIN OF THE IL7 RECEPTOR EXTRACELLULAR DOMAIN AND USE THEREOF IN CANCER TREATMENT**
[54] **ANTICORPS NON ANTAGONISTES DIRIGES CONTRE LA CHAINE ALPHA DU DOMAINE EXTRACELLULAIRE DU RECEPTEUR DE L'IL-7 ET SON UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] POIRIER, NICOLAS, FR
[72] MARY, CAROLINE, FR
[71] OSE IMMUNOTHERAPEUTICS, FR
[85] 2018-08-10
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[25] EN
[54] **SUBSTITUTED 1,2,3-TRIAZOLES AS NR2B-SELECTIVE NMDA MODULATORS**
[54] **1,2,3-TRIAZOLES SUBSTITUES UTILISES COMME MODULATEURS DE NMDA SELECTIFS DE NR2B**
[72] CHEN, GANG, US
[72] CHROVIAN, CHRISTA C., US
[72] COATE, HEATHER R., US
[72] DVORAK, CURT A., US
[72] GELIN, CHRISTINE F., US
[72] HISCOX, AFTON, US
[72] LETAVIC, MICHAEL A., US
[72] RECH, JASON C., US
[72] SOYODE-JOHNSON, AKINOLA, US
[72] STENNE, BRICE, US
[72] WALL, JESSICA L., US
[72] ZHANG, WEI, US
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **ACCES A UN SITE DE TRAITEMENT INTRAVASCULAIRE**
[72] TRAN, MICHELLE, US
[72] SUMIDA, TETSU, US
[72] GOYAL, MAYANK, CA
[72] GULACHENSKI, JOSEPH A., US
[71] MICROVENTION, INC., US
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[87] (WO2017/139696)
[30] US (62/293,522) 2016-02-10

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[54] **DEVICES FOR VASCULAR OCCLUSION**
[54] **DISPOSITIFS POUR OCCLUSION VASCULAIRE**
[72] SHIMIZU, JARED, US
[72] BOWMAN, HEATH, US
[72] LAM, KIET, US
[72] RETAREKAR, ROHINI, US
[72] MORANO, LETTY, US
[72] CORTEZ, ROGELIO, US
[71] MICROVENTION, INC., US
[85] 2018-08-10
[86] 2017-02-10 (PCT/US2017/017557)
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[54] **APPARATUS WITH ENHANCED STIMULATION WAVEFORMS**
[54] **APPAREIL PRESENTANT DES FORMES D'ONDE DE STIMULATION AMELIOREE**
[72] MISHRA, LAKSHMI NARAYAN, US
[72] MAKOUS, JAMES C., US
[72] HARTLEY, LEE FASON, US
[72] PIVONKA, DANIEL M., US
[72] FLAHERTY, J. CHRISTOPHER, US
[71] NALU MEDICAL, INC., US
[85] 2018-08-10
[86] 2017-02-15 (PCT/US2017/017978)
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[54] **ELECTRONIC CONTROLS FOR BATTERY-POWERED RIDE-ON VEHICLE**
[54] **COMMANDES ELECTRONIQUES POUR VEHICULE DE PASSAGERS ALIMENTE PAR BATTERIE**
[72] YOUNG, MATTHEW E., US
[72] ECKERT, CAMERON, US
[71] RADIO FLYER INC., US
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[86] 2017-02-10 (PCT/US2017/017336)
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[30] US (62/294,519) 2016-02-12
[30] US (62/305,776) 2016-03-09
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[54] **OPIOID+DEVICE COMBINATION PRODUCTS WITH IMPROVED SAFETY AND EFFICACY PROFILES**
[54] **PRODUITS DE COMBINAISON D'OPIOIDE + DISPOSITIF AVEC DES PROFILS DE SECURITE ET D'EFFICACITE AMELIORES**
[72] VALENTINE, EDMUND L., US
[71] VALENTINE, EDMUND L., US
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[86] 2017-02-13 (PCT/US2017/017665)
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[54] **INSTRUMENT PORT WITH INTEGRATED IMAGING SYSTEM**
[54] **ORIFICE D'INSTRUMENT A SYSTEME D'IMAGERIE INTEGRE**
[72] DEL NIDO, PEDRO J., US
[72] VASILYEV, NIKOLAY V., US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
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[25] EN
[54] **WELDING SYSTEM WITH A QUICK-CHANGEABLE WIRE FEEDER AND METHOD OF CHANGING THE WIRE FEEDER**
[54] **SYSTEME DE SOUDAGE DOTE D'UN DEVIDOIR DE FIL A REMPLACEMENT RAPIDE ET PROCEDE DE REMPLACEMENT DE DEVIDOIR DE FIL**
[72] LAHTI, THOMAS S., US
[72] CRUM, EDWARD J., US
[72] VANDENBERG, MICHAEL P., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-08-10
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[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING THE DELIVERY OF A FOOD PRODUCT**
[54] **SYSTEME ET PROCEDE POUR GERER LA DISTRIBUTION D'UN PRODUIT ALIMENTAIRE**
[72] DEEMTER, KENT A., US
[71] LITTLE CAESAR ENTERPRISES, INC., US
[85] 2018-08-10
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[25] EN
[54] **A SYSTEM FOR PERFORMING SPECTROSCOPY**
[54] **SYSTEME POUR EFFECTUER UNE SPECTROSCOPIE**
[72] YUN, SEOK-HYUN, US
[72] SHAO, PENG, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[25] EN
[54] **APPARATUS AND METHODS FOR HIGH-SPEED AND LONG DEPTH RANGE IMAGING USING OPTICAL COHERENCE TOMOGRAPHY**
[54] **APPAREIL ET PROCEDES D'IMAGERIE A GRANDE VITESSE ET A LONGUE PLAGE DE PROFONDEURS PAR TOMOGRAPHIE PAR COHERENCE OPTIQUE**
[72] VAKOC, BENJAMIN, US
[72] SIDDIQUI, MEENA, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[25] EN
[54] **BELT OR FABRIC INCLUDING POLYMERIC LAYER FOR PAPERMAKING MACHINE**
[54] **COURROIE OU TISSU COMPRENANT UNE COUCHE POLYMERE POUR MACHINE A PAPIER**
[72] SEALEY, JAMES E., US
[72] MILLER, BYRD TYLER, IV, US
[72] MACDONALD, PHILLIP, US
[72] ANDRUKH, TARAS Z., US
[72] PENCE, JUSTIN C., US
[71] STRUCTURED I, LLC, US
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[25] EN
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[54] **LIPASES POUR LA CUISSON AU FOUR**
[72] POP, CRISTINA, US
[72] HUSTON DAVENPORT, ADRIENNE, US
[72] LISZKA, MICHAEL, US
[72] TAN, XUQIU, US
[72] KUTSCHER, JOCHEN, DE
[72] FUNKE, ANDREAS, DE
[72] HAEFNER, STEFAN, DE
[72] SEITTER, MICHAEL FRIEDRICH HERMANN, DE
[71] BASF SE, DE
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[25] EN
[54] **AGRICULTURAL TRENCH DEPTH SYSTEMS, METHODS, AND APPARATUS**
[54] **SYSTEMES, PROCEDES ET APPAREIL DE PROFONDEUR DE TRANCHEE AGRICOLE**
[72] SLONEKER, DILLON, US
[72] SWANSON, TODD, US
[72] KOCH, DALE, US
[71] PRECISION PLANTING LLC, US
[85] 2018-08-10
[86] 2017-02-17 (PCT/US2017/018274)
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[30] US (62/297,535) 2016-02-19
[30] US (62/322,314) 2016-04-14
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[51] **Int.Cl. B65D 1/04 (2006.01) A47F 11/06 (2006.01) B65C 3/06 (2006.01) B65D 1/24 (2006.01) B65D 1/30 (2006.01) B65D 1/40 (2006.01)**
[25] EN
[54] **CONVENTIONALLY PRICED LIQUID CONTAINER WITH UNIQUE OPTICAL PROPERTIES**
[54] **RECIPIENT DE LIQUIDE A PRIX CLASSIQUE PRESENTANT DES PROPRIETES OPTIQUES UNIQUES**
[72] KAINEN, DAN, US
[71] KAINEN, DAN, US
[85] 2018-08-10
[86] 2017-02-21 (PCT/US2017/018726)
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[25] FR
[54] **METHOD FOR SLOWING THE DISSOLUTION OF A COMPOUND USING AN ANTI-FOAMING AGENT**
[54] **PROCEDE POUR RALENTIR LA DISSOLUTION D'UN COMPOSE UTILISANT UN AGENT ANTI-MOUSSE**
[72] MAGNALDO, ALASTAIR, FR
[72] MARC, PHILIPPE, FR
[72] OLIVIER, PIERRE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[71] ORANO CYCLE, FR
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[25] EN
[54] **VACUUM ASSISTED NOZZLE APPARATUS AND PROCESS USING SAID APPARATUS**
[54] **APPAREIL DE BUSE ASSISTE PAR LE VIDE ET PROCEDE UTILISANT LEDIT APPAREIL**
[72] COROMINAS, FRANCESC, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **A ROLLER BLIND AND METHOD OF MANUFACTURE**
[54] **STORE ENROULEUR ET PROCEDE DE FABRICATION**
[72] LIU, ALEX, AU
[72] LIU, YI, AU
[71] SUDU IP PTY LTD AS TRUSTEE FOR SUDU IP UNIT TRUST, AU
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[25] EN
[54] **METHOD AND DEVICE FOR ENCODING/DECODING AN IMAGE UNIT COMPRISING IMAGE DATA REPRESENTED BY A LUMINANCE CHANNEL AND AT LEAST ONE CHROMINANCE CHANNEL**
[54] **PROCEDE ET DISPOSITIF DE CODAGE/DECODAGE D'UNE UNITE D'IMAGE COMPRENANT DES DONNEES D'IMAGE REPRESENTEES PAR UN CANAL DE LUMINANCE ET AU MOINS UN CANAL DE CHROMINANCE**
[72] URBAN, FABRICE, FR
[72] GALPIN, FRANCK, FR
[72] POIRIER, TANGI, FR
[72] LELEANNEC, FABRICE, FR
[71] THOMSON LICENSING, FR
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[25] EN
[54] **A LUMINAIRE ASSEMBLY**
[54] **ENSEMBLE LUMINAIRE**
[72] CRONK, PAUL ANDREW, AU
[71] CRONK, PAUL ANDREW, AU
[85] 2018-08-13
[86] 2017-02-21 (PCT/AU2017/050150)
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[30] AU (2016900684) 2016-02-25
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[51] **Int.Cl. G06T 19/00 (2011.01) G09B 9/00 (2006.01) G09B 9/05 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A DISPLAY DEVICE AND SYSTEM FOR DISPLAYING ACTUAL IMAGE CONTENTS OF AN ACTUAL ENVIRONMENT OVERLAYED WITH VIRTUAL IMAGE CONTENTS**
[54] **PROCEDE DE FONCTIONNEMENT D'UN DISPOSITIF D'AFFICHAGE ET SYSTEME D'AFFICHAGE DE CONTENUS D'IMAGE VIRTUELS SUPERPOSES A DES CONTENUS D'IMAGE REELS D'UN ENVIRONNEMENT REEL**
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[72] PABST, MANUEL, DE
[71] KRAUSS-MAFFEI WEGMANN GMBH & CO. KG, DE
[85] 2018-08-13
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[51] **Int.Cl. B09B 3/00 (2006.01) B09C 1/02 (2006.01) C22B 7/00 (2006.01) G21G 5/00 (2006.01)**
[25] FR
[54] **METHOD FOR SELECTIVE DISSOLUTION USING A NON-IONIC SURFACTANT**
[54] **PROCEDE DE DISSOLUTION SELECTIVE UTILISANT UN AGENT TENSIOACTIF NON-IONIQUE**
[72] MAGNALDO, ALASTAIR, FR
[72] MARC, PHILIPPE, FR
[72] OLIVIER, PIERRE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[30] FR (16 51058) 2016-02-10

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[51] **Int.Cl. F16L 53/00 (2018.01) F16L 25/01 (2006.01) F16L 33/01 (2006.01)**
[25] EN
[54] **AN ASSEMBLY COMPRISING AN END-FITTING FOR TERMINATING AN UNBONDED FLEXIBLE PIPE AND AN UNBONDED FLEXIBLE PIPE**
[54] **ENSEMBLE COMPRENANT UN RACCORD D'EXTREMITE DE TERMINAISON D'UN TUYAU SOUPLE SANS LIAISON, ET TUYAU SOUPLE SANS LIAISON**
[72] GLEJBOL, KRISTIAN, DK
[71] NATIONAL OILWELL VARCO DENMARK I/S, DK
[85] 2018-08-13
[86] 2017-02-15 (PCT/DK2017/050041)
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[30] DK (PA 2016 70081) 2016-02-15

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[25] EN
[54] **LANYARD DEVICE, METHOD AND PERSONAL LANYARD MONITORING SYSTEM**
[54] **DISPOSITIF DE CORDON, PROCEDE ET SYSTEME DE SURVEILLANCE DE CORDON PERSONNEL**
[72] DONGRE, CHAITANYA, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2018-08-13
[86] 2017-02-08 (PCT/EP2017/052666)
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[51] **Int.Cl. B66B 15/02 (2006.01)**
[25] EN
[54] **PULLEY FOR AN ELEVATOR WITH A FRICTION REDUCING COATING AND METHOD FOR MANUFACTURING SAME**
[54] **POULIE POUR ASCENSEUR AVEC REVETEMENT REDUISANT LE FROTTEMENT ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] ZAPF, VOLKER, CH
[72] HESSEL, SASCHA, DE
[71] INVENTIO AG, CH
[85] 2018-08-13
[86] 2017-02-14 (PCT/EP2017/053191)
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[51] **Int.Cl. G10L 19/008 (2013.01) G10L 19/028 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR STEREO FILLING IN MULTICHANNEL CODING**
[54] **APPAREIL ET PROCEDE POUR LE REMPLISSAGE STEREO DANS LE CODAGE MULTICANAL**
[72] DICK, SASCHA, DE
[72] HELMRICH, CHRISTIAN, DE
[72] RETTELBACH, NIKOLAUS, DE
[72] SCHUH, FLORIAN, DE
[72] FUEG, RICHARD, DE
[72] NAGEL, FREDERIK, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2017-02-14 (PCT/EP2017/053272)
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[51] **Int.Cl. A61B 18/18 (2006.01) A61B 18/00 (2006.01) A61L 31/06 (2006.01) A61L 31/14 (2006.01) A61M 25/09 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING THE STATUS OF A FLUID-COOLED MICROWAVE ABLATION SYSTEM**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE DETERMINER L'ETAT D'UN SYSTEME D'ABLATION PAR MICRO-ONDES A REFROIDISSEMENT LIQUIDE**
[72] DICKHANS, WILLIAM J., US
[71] COVIDIEN LP, US
[85] 2018-08-10
[86] 2017-02-07 (PCT/US2017/016855)
[87] (WO2017/139278)
[30] US (62/293,965) 2016-02-11
[30] US (15/425,762) 2017-02-06

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[51] **Int.Cl. G01B 13/20 (2006.01) G06T 17/05 (2011.01) G01C 11/02 (2006.01) G06K 9/00 (2006.01) G06K 9/46 (2006.01) G06K 9/66 (2006.01)**
[25] EN
[54] **AUTOMATED SYSTEM AND METHODOLOGY FOR FEATURE EXTRACTION**
[54] **SYSTEME AUTOMATISE ET METHODOLOGIE POUR EXTRACTION DE CARACTERISTIQUES**
[72] WANG, YANDONG, US
[72] GIUFFRIDA, FRANK, US
[71] PICTOMETRY INTERNATIONAL CORP., US
[85] 2018-08-10
[86] 2017-02-09 (PCT/US2017/017196)
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[30] US (62/295,336) 2016-02-15
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[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING OPERATIONAL CONDITIONS OF REDUCED PRESSURE THERAPY**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE CONDITIONS OPERATIONNELLES DE PRESSOTHERAPIE PAR PRESSION REDUITE**
[72] HARTWELL, EDWARD YERBURY, GB
[72] QUINTANAR, FELIX C., GB
[72] DE VILLIERS, JASON PETER, GB
[71] SMITH & NEPHEW, INC., US
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[30] US (62/294,816) 2016-02-12
[30] US (62/294,725) 2016-02-12
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[54] **ROCK DRILLING, SWELLING AND CHISELLING INTEGRATED MACHINE BASED ON HIGH-PRESSURE FOAM MEDIUM**
[54] **MACHINE INTEGREE DE FORAGE, DE GONFLEMENT ET DE BURINAGE DE LA ROCHE BASEE SUR UN MILIEU EN MOUSSE HAUTE PRESSION**
[72] LIU, SONGYONG, CN
[72] LIU, HAO, CN
[72] JIANG, HONGXIANG, CN
[72] SHEN, GANG, CN
[72] WANG, SHUILIN, CN
[72] LI, WEI, CN
[72] TANG, WEI, CN
[72] WU, HONGZHUANG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[71] XUZHOU ZHIRUN MINING EQUIPMENT SCIENCE AND TECHNOLOGY CO., LTD., CN
[85] 2018-08-13
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[25] EN
[54] **FULLY-INTEGRATED, TOP-FILL, PRESSURELESS FLOW-CONTROL MODULE COUPLABLE TO A PRESSURIZED FUEL LINE**
[54] **MODULE DE REGULATION DE DEBIT SANS PRESSION, A REMPLISSAGE PAR LE HAUT, ENTIEREMENT INTEGRE, POUVANT ETRE ACCOUPLE A UNE CANALISATION DE CARBURANT SOUS PRESSION**
[72] COOLEY, ROBERT CHARLES, US
[72] MACKEY, DEAN EDWARD, US
[71] COOLEY, ROBERT CHARLES, US
[71] MACKEY, DEAN EDWARD, US
[85] 2018-08-10
[86] 2017-02-13 (PCT/US2017/017742)
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[54] **CRYSTALLINE FORM**
[54] **FORME CRISTALLINE**
[72] LANGER, THOMAS, GB
[72] BETHEL, PAUL ALLEN, GB
[72] PERVEZ, MOHAMMED, GB
[72] CHAN, LAI CHUN, GB
[72] JANBON, SOPHIE, GB
[71] ASTRAZENECA AB, SE
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[54] **ALKYL DIOLS FOR CRUDE OIL TREATMENT**
[54] **ALKYL DIOLS POUR LE TRAITEMENT DE PETROLE BRUT**
[72] SOLOMON, KIM R., US
[71] ECOLAB USA INC., US
[85] 2018-08-10
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[25] EN
[54] **A REACTOR FOR OXIDATION OF AMMONIA IN THE PRODUCTION OF NITRIC ACID**
[54] **REACTEUR D'OXYDATION D'AMMONIAC POUR LA PRODUCTION D'ACIDE NITRIQUE**
[72] GRANGER, JEAN FRANCOIS, CH
[71] CASALE SA, CH
[85] 2018-08-13
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[25] EN
[54] **EXTERNAL SENSOR KIT FOR INJECTION MOLDING APPARATUS AND METHODS OF USE**
[54] **NECESSAIRE DE DETECTION EXTERNE POUR APPAREIL DE MOULAGE PAR INJECTION ET PROCEDES D'UTILISATION**
[72] HUANG, CHOW-CHI, US
[72] POLLARD, RICK ALAN, US
[72] ALTONEN, GENE MICHAEL, US
[71] IMFLUX INC., US
[85] 2018-08-10
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[25] EN
[54] **LEARNING AN ENTITY'S TRUST MODEL AND RISK TOLERANCE TO CALCULATE A RISK SCORE**
[54] **APPRENTISSAGE D'UNE TOLERANCE AU RISQUE ET D'UN MODELE DE CONFIANCE D'UNE ENTITE EN VUE DE CALCULER UNE NOTE DE RISQUE**
[72] CHRAPKO, EVAN V., CA
[71] WWW.TRUSTSCIENCE.COM INC., CA
[85] 2018-08-13
[86] 2017-03-20 (PCT/CA2017/050351)
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[54] **METHOD AND APPARATUS FOR INDICATING CHANNEL IN WIRELESS LOCAL AREA NETWORK**
[54] **DISPOSITIF ET PROCEDE D'INDICATION DE CANAL DANS UN RESEAU LOCAL SANS FIL**
[72] LI, YUNBO, CN
[72] LI, YANCHUN, CN
[72] LIU, LE, CN
[72] ZHANG, JIAYIN, CN
[72] GAN, MING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **ROTATIONAL FRICTION BRAKE REGULATED BY ANGULAR ACCELERATION AND A FISHING REEL COMPRISING THE SAME**
[54] **FREIN A FROTTEMENT ROTATIF REGULE PAR L'ACCELERATION ANGULAIRE ET MOULINET DE PECHE COMPRENANT CELUI-CI**
[72] ZANDER, STEN-THORE, SE
[71] BRILLIANZE SWEDEN AB, SE
[85] 2018-08-13
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[25] EN
[54] **TETRACYCLIC PYRIDONE COMPOUNDS AS ANTIVIRALS**
[54] **COMPOSES PYRIDONES TETRACYCLIQUES EN TANT QU'AGENTS ANTIVIRAUX**
[72] FU, JIPING, US
[72] JIN, XIANMING, US
[72] LEE, PATRICK, US
[72] LU, PEICHAO, US
[72] YOUNG, JOSEPH MICHAEL, US
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[85] 2018-08-13
[86] 2017-02-16 (PCT/EP2017/053568)
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[54] **EFFICIENT ADAPTIVE STREAMING**
[54] **DIFFUSION EN CONTINU ADAPTATIVE EFFICACE**
[72] SKUPIN, ROBERT, DE
[72] SANCHEZ, YAGO, DE
[72] SCHIERL, THOMAS, DE
[72] HELLGE, CORNELIUS, DE
[72] GRUNEBERG, KARSTEN, DE
[72] WIEGAND, THOMAS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **MEDICAL CONTAINER WITH NFC ANTENNA**
[54] **RECIPIENT MEDICAL DOTE D'UNE ANTENNE NFC**
[72] BRYANT, ANDREW, CH
[72] SCHMIDLIN, ALAIN, CH
[72] LATHAM, DANIEL, CH
[72] IOBBI, GABRIEL, CH
[72] VENKATASUBRAMANIAN, ARUN, SG
[72] REDMAN, THOMAS RICHARD, GB
[72] WOOLLER, TIMOTHY DUNCAN, GB
[72] RUBICONI, FRANCK, GB
[72] MILNER, ROBERT GEORGE, GB
[72] HALL, RICHARD ANDREW, GB
[72] COTTON, SYMON, GB
[72] ATTARD, SIMON PETER, GB
[71] NOVARTIS AG, CH
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[86] 2017-02-17 (PCT/EP2017/053638)
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[25] EN
[54] **RAILS FOR A COVERING FOR AN ARCHITECTURAL OPENING**
[54] **RAILS POUR COUVERTURE D'OUVERTURE ARCHITECTURALE**
[72] SCHWANDT, MARK A., US
[72] STEBENNE, MARTIN A., US
[71] HUNTER DOUGLAS INC., US
[85] 2018-08-13
[86] 2017-02-17 (PCT/EP2017/053703)
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[51] **Int.Cl. C07D 405/06 (2006.01) C07B 57/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE SEPARATION OF ENANTIOMERS OF PIPERAZINE DERIVATIVES**
[54] **PROCEDE DE SEPARATION D'ENANTIOMERES DE DERIVES DE PIPERAZINE**
[72] QUATTROPANI, ANNA, CH
[72] KULKARNI, SANTOSH S., IN
[72] GIRI, AWADUT GAJENDRA, IN
[72] KOEK, JOHANNES NICOLAAS, NL
[71] ASCENEURON S.A., CH
[85] 2018-08-13
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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **SINGLE NUCLEOTIDE DETECTION METHOD**
[54] **PROCEDE DE DETECTION DE NUCLEOTIDES SIMPLES**
[72] BALMFORTH, BARNABY, GB
[71] BASE4 INNOVATION LIMITED, GB
[85] 2018-08-13
[86] 2017-02-24 (PCT/EP2017/054306)
[87] (WO2017/144653)
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[25] EN
[54] **ATHLETIC GEAR OR OTHER DEVICES COMPRISING POST-MOLDED EXPANDABLE COMPONENTS**
[54] **EQUIPEMENT SPORTIF OU AUTRES DISPOSITIFS COMPRENANT DES ELEMENTS EXPANSIBLES APRES MOULAGE**
[72] KRICK, THIERRY, CA
[72] ASSELIN, FRANCOIS, CA
[72] LAPERRIERE, JEAN-FRANCOIS, CA
[72] LADOUCEUR, MARTIN, CA
[72] LABONTE, IVAN, CA
[72] BEAUREGARD, MARCO, CA
[71] BAUER HOCKEY LTD., CA
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[86] 2017-02-09 (PCT/CA2017/050154)
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[25] EN
[54] **METHODS OF TREATING CELIAC DISEASE USING SMAD7 INHIBITION**
[54] **PROCEDES DE TRAITEMENT DE LA MALADIE CŒLIAQUE EN INHIBANT SMAD7**
[72] MONTELEONE, GIOVANNI, IT
[71] NOGRA PHARMA LIMITED, IE
[85] 2018-08-13
[86] 2017-02-24 (PCT/EP2017/054380)
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[51] **Int.Cl. C22B 1/16 (2006.01) C22B 1/20 (2006.01) C22B 1/24 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CHARGING PALLET CARS OF A TRAVELING GRATE FOR THE THERMAL TREATMENT OF BULK MATERIALS**
[54] **PROCEDE ET APPAREIL DE CHARGEMENT DE CHARIOTS DE PALETTES D'UNE GRILLE MOBILE POUR LE TRAITEMENT THERMIQUE DE MATERIAUX EN VRAC**
[72] STRUBER, GEORG, LU
[72] SCHUSTER, MARKUS, DE
[72] SCHIMO, SIEGFRIED, DE
[72] VALERY, ROBERTO, DE
[72] WINKLER, STEPHANIE, LU
[72] RANNANTIE, SUVI, DE
[72] BERGMANN, MATTHIAS, DE
[72] HOFMANN, KARL-HEINZ, DE
[72] KREMMER, KATHARINA, DE
[72] SIAUW, VINCENT, DE
[72] SALAGUNDI, BASAVAN, DE
[72] STRODER, MICHAEL, DE
[72] BECKER, ROGER, DE
[71] OUTOTEC (FINLAND) OY, FI
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[25] EN
[54] **PROCESS FOR RECOVERING A METALLIC COMPONENT**
[54] **PROCEDE DE RECUPERATION D'UN COMPOSANT METALLIQUE**
[72] HUIZENGA, PIETER, NL
[72] VAN DER HEIDE, EVERT, NL
[72] HAAN, JOHANNES PIETER, NL
[72] VLAANDEREN, MICHEL, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **SKATE OR OTHER FOOTWEAR**
[54] **PATIN OU AUTRES CHAUSSURES**
[72] LABONTE, IVAN, CA
[72] PAYEUR, CONRAD, CA
[72] DESCHENES, CANDIDE, CA
[71] BAUER HOCKEY LTD., CA
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[51] **Int.Cl. E04F 13/08 (2006.01) E04F 13/14 (2006.01)**
[25] EN
[54] **A FASTENING SYSTEM**
[54] **SYSTEME DE FIXATION**
[72] DYE, THAYNE, US
[71] JAMES HARDIE TECHNOLOGY LIMITED, IE
[85] 2018-08-13
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[51] **Int.Cl. H01H 1/0237 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A CONTACT MATERIAL ON THE BASIS OF SILVER TIN OXIDE OR SILVER ZINC OXIDE, AND CONTACT MATERIAL**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU DE CONTACT A BASE D'ARGENT-OXYDE D'ETAIN OU D'ARGENT-OXYDE DE ZINC, ET MATERIAU DE CONTACT**
[72] HONIG, THOMAS, DE
[72] BEHRENS, VOLKER, DE
[72] CINAROGLU, HAVVA, DE
[71] DODUCO CONTACTS AND REFINING GMBH, DE
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[25] EN
[54] **STEERING SYSTEM, AZIMUTHING PROPULSION SYSTEM, AND METHOD FOR ABSORBING HEAT**
[54] **SYSTEME DE DIRECTION, SYSTEME DE PROPULSION ORIENTABLE EN AZIMUT, ET PROCEDE D'ABSORPTION DE CHALEUR**
[72] VIHTANEN, HANNU, FI
[72] UUSITALO, JUKKA-PEKKA, FI
[72] WESTERLUND, SUVI, FI
[71] ABB OY, FI
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[54] **METHODS AND SYSTEMS FOR DIGITAL REWARD PROCESSING**
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT NUMERIQUE DE RECOMPENSES**
[72] ORTIZ, EDISON U., US
[72] VINTILA, IUSTINA-MIRUNA, RO
[71] ROYAL BANK OF CANADA, CA
[85] 2018-08-10
[86] 2017-02-13 (PCT/CA2017/050169)
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[25] EN
[54] **SYSTEM FOR PERFORMING EYE SURGERY WITH SIMULTANEOUS DISPLAY OF GRAPHICAL INFORMATION FOR FLAP AND ABLATION**
[54] **SYSTEME PERMETTANT DE REALISER UNE CHIRURGIE OCULAIRE AVEC AFFICHAGE SIMULTANE D'INFORMATIONS GRAPHIQUES CONCERNANT LE VOLET ET L'ABLATION**
[72] WITTNEBEL, MICHAEL, DE
[72] ABRAHAM, MARIO, DE
[72] SCHMID, STEFAN, DE
[72] LANGE, MAIK, DE
[72] STARIGK, MARTIN, DE
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[25] EN
[54] **DRILL PIPE, AND SYSTEM AND METHOD FOR LAYING A PIPELINE**
[54] **TUBE DE FORAGE AINSI QUE SYSTEME ET PROCEDE DE POSE D'UNE CANALISATION**
[72] STEINER, THOMAS, DE
[72] JUNG, BORIS, DE
[71] HERRENKNECHT AG, DE
[85] 2018-08-13
[86] 2017-03-29 (PCT/EP2017/057363)
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[25] EN
[54] **CARBOXAMIDE DERIVATIVES USEFUL AS RSK INHIBITORS**
[54] **DERIVES DE CARBOXAMIDE UTILES EN TANT QU'INHIBITEURS DE RSK**
[72] JAYANTHAN, AARTHI, CA
[72] ANNEDI, SUBHASH, CA
[72] VAN DRIE, JOHN H., CA
[72] DAYNARD, TIMOTHY S., CA
[72] HUYNH, MY-MY, CA
[72] DUNN, SANDRA E., CA
[72] NAGIREDDY, JAIPAL REDDY, CA
[71] PHOENIX MOLECULAR DESIGNS, CA
[85] 2018-08-13
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[51] **Int.Cl. G06Q 30/08 (2012.01)**
[25] EN
[54] **A COMPUTER IMPLEMENTED METHOD AND COMPUTER SYSTEM FOR AUCTIONING OR TRADING BETS**
[54] **PROCEDE MIS EN OEUVRE PAR ORDINATEUR ET SYSTEME INFORMATIQUE DE MISE AUX ENCHERES OU LA NEGOCIATION DE PARIS**
[72] YOUNG, NICOLA, GB
[72] MCMONAGLE, KEVIN, GB
[71] BETSOLD LIMITED, GB
[85] 2018-08-13
[86] 2017-03-08 (PCT/GB2017/050620)
[87] (WO2017/153749)
[30] GB (1604218.6) 2016-03-11

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[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND COMPUTER PROGRAM**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCEDE DE TRAITEMENT D'INFORMATIONS ET PROGRAMME INFORMATIQUE**
[72] HOSHINO, TAKAHARU, JP
[71] 10353744 CANADA LTD., CA
[85] 2018-08-13
[86] 2016-02-18 (PCT/JP2016/054702)
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[25] EN
[54] **OXOCARBON COMPOUND, RESIN COMPOSITION, AND INK COMPOSITION**
[54] **COMPOSE D'OXYDE DE CARBONE, COMPOSITION DE RESINE, ET COMPOSITION D'ENCRE**
[72] AOKI, MASANORI, JP
[72] KASANO, YUKIHIRO, JP
[72] ARAI, TOMOYA, JP
[71] NIPPON SHOKUBAI CO., LTD., JP
[85] 2018-08-13
[86] 2017-02-24 (PCT/JP2017/007007)
[87] (WO2017/146187)
[30] JP (2016-034756) 2016-02-25
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[54] **DRINK AND METHOD FOR IMPROVING AROMA OF DRINK**
[54] **BOISSON ET PROCEDE D'AMELIORATION DE L'AROME D'UNE BOISSON**
[72] SANEKATA, AYAKO, JP
[72] TAKOI, KIYOSHI, JP
[72] TANIGAWA, ATSUSHI, JP
[71] SAPPORO HOLDINGS LIMITED, JP
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[25] EN
[54] **THERMOELECTRIC CONVERSION MODULE**
[54] **MODULE DE CONVERSION THERMOELECTRIQUE**
[72] UCHIYAMA, NAOKI, JP
[72] KUBO, KAZUYA, JP
[71] ATSUMITEC CO., LTD., JP
[85] 2018-08-13
[86] 2017-03-07 (PCT/JP2017/009040)
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[51] **Int.Cl. B65G 17/32 (2006.01) B65G 47/38 (2006.01)**
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[54] **CONVEYOR APPARATUS**
[54] **DISPOSITIF DE TRANSPORTEUR**
[72] FUJIO, YOSHIHIKO, JP
[71] DAIFUKU CO., LTD., JP
[85] 2018-08-13
[86] 2017-02-13 (PCT/JP2017/005096)
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[25] EN
[54] **VELDOREOTIDE WITH POOR SOLUBITLIY IN PHYSIOLOGICAL CONDITIONS FOR USE IN THE TREATMENT OF ACROMEGALY, ACROMEGALY CANCER, SST-R5 EXPRESSING TUMORS, TYPE 2 DIABETES, HYPERGLYCEMIA,AND HORMONE-RELATED TUMORS**
[54] **VELDOREOTIDE DE FAIBLE SOLUBILITE DANS DES CONDITIONS PHYSIOLOGIQUES DESTINE A ETRE UTILISE DANS LE TRAITEMENT D'UNE ACROMEGALIE, D'UN CANCER ASSOCIE A UNE ACROMEGALIE, DE TUMEURS EXPRIMANT LE SST-R5, DU DIABETE DE TYPE 2, D'UNE HYPERGLYCEMIE, ET DE TUMEURS ASSOCIEES AUX HORMONES**
[72] AFARGAN, MICHAEL, IL
[71] STRONGBRIDGE BIOPHARMA PLC, IE
[85] 2018-08-13
[86] 2017-02-16 (PCT/IB2017/000194)
[87] (WO2017/141106)
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[54] **THERMOELECTRIC CONVERSION MODULE AND THERMOELECTRIC CONVERSION ELEMENT**
[54] **MODULE DE CONVERSION THERMOELECTRIQUE ET ELEMENT DE CONVERSION THERMOELECTRIQUE**
[72] UCHIYAMA, NAOKI, JP
[72] KUBO, KAZUYA, JP
[71] ATSUMITEC CO., LTD., JP
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[25] EN
[54] **NOISE REDUCING SYSTEM FOR A TRACKED VEHICLE AND TRACKED VEHICLE**
[54] **SYSTEME DE REDUCTION DE BRUIT POUR VEHICULE A CHENILLES, ET VEHICULE A CHENILLES**
[72] SPADONI, RICCARDO, IT
[72] KIRCHMAIR, MARTIN, AT
[72] SPIELMAN, GABRIEL, IT
[71] PRINOTH S.P.A., IT
[85] 2018-08-13
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[54] **LAMINATED FILM**
[54] **FILM STRATIFIE**
[72] YAMAZAKI, ATSUSHI, JP
[72] INAGAKI, KYOKO, JP
[71] TOYOBO CO., LTD., JP
[85] 2018-08-13
[86] 2017-02-14 (PCT/JP2017/005267)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING AN ANTI-RETROVIRAL DRUG AND A PHARMACOKINETIC ENHANCER**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN MEDICAMENT ANTIRETROVIRAL ET UN POTENTIALISATEUR PHARMACOCINETIQUE**
[72] MALHOTRA, GEENA, IN
[72] JOSHI, KALPANA, IN
[72] RAUT, PREETI, IN
[72] GHOSALKAR, JEEVAN, IN
[71] CIPLA LIMITED, IN
[85] 2018-08-13
[86] 2017-02-01 (PCT/IN2017/050046)
[87] (WO2017/138022)
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[54] **INITIATEUR DE PHOTOPOLYMERISATION ET COMPOSITION PHOTODURCISSABLE**
[72] FURUHASHI, KOJI, JP
[72] AKIZUMI, HIRONOBU, JP
[71] TOKUYAMA DENTAL CORPORATION, JP
[85] 2018-08-13
[86] 2017-03-08 (PCT/JP2017/009248)
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[54] **ELEMENT FOR TYRE**
[54] **ELEMENT POUR PNEU**
[72] AMUNDSEN, PAUL MAGNE, NO
[72] ANDENES, SIGMUND, NO
[71] TECHNIUM AS, NO
[85] 2018-08-13
[86] 2017-02-27 (PCT/NO2017/050053)
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[25] EN
[54] **VENTED LED DISPLAY AND METHOD OF MANUFACTURING**
[54] **AFFICHAGE A LED VENTILE ET PROCEDE DE FABRICATION**
[72] QI, ZEMING, CN
[71] DIGITAL OUTDOOR LLC, US
[85] 2018-08-13
[86] 2017-02-15 (PCT/US2017/017900)
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[25] EN
[54] **MULTIVALENT HIV VACCINE BOOST COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS MULTIVALENTES VACCINALES DE RAPPEL CONTRE LE VIH ET LEURS PROCEDES D'UTILISATION**
[72] ROBINSON, HARRIET, US
[71] GEOVAX INC., US
[85] 2018-08-13
[86] 2017-02-16 (PCT/US2017/018103)
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[54] **PEPTIDE DERIVATIVE AND USE THEREOF**
[54] **DERIVE PEPTIDIQUE ET SON UTILISATION**
[72] NISHIO, YUKIHIRO, JP
[72] YOKOSAKA, SHINYA, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-08-13
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[54] **METHOD AND APPARATUS FOR MANDIBULAR SUPPORT**
[54] **PROCEDE ET APPAREIL DE SUPPORT MANDIBULAIRE**
[72] BRINKER, MARK R., US
[72] LONDON, JEFFREY C., US
[72] RABORN, BARRY W., US
[71] BLR SLEEPWELL LLC, US
[85] 2018-08-13
[86] 2017-02-16 (PCT/US2017/018168)
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[25] EN
[54] **INSULATION MOUNTING PROFILE AND METHOD FOR MANUFACTURING OF INSULATION MOUNTING PROFILES**
[54] **PROFILE DE MONTAGE D'ISOLATION ET PROCEDE DE FABRICATION DE PROFILES DE MONTAGE D'ISOLATION**
[72] BORUSZEWSKI, ARTUR, PL
[71] ERGO PLUS POLSKA, PL
[85] 2018-08-13
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[25] EN
[54] **6,7-DIHYDRO-5H-BENZO[7]ANNULENE DERIVATIVES AS ESTROGEN RECEPTOR MODULATORS**
[54] **DERIVES DE 6,7-DIHYDRO-5H-BENZO[7]ANNULENE UTILISES EN TANT QUE MODULATEURS DE RECEPTEURS DES OESTROGENES**
[72] BOUABOULA, MONSIF, US
[72] BROLLO, MAURICE, FR
[72] CERTAL, VICTOR, FR
[72] EL-AHMAD, YOUSSEF, FR
[72] FILOCHE-ROMME, BRUNO, FR
[72] HALLEY, FRANK, FR
[72] MCCORT, GARY, FR
[72] SCHIO, LAURENT, FR
[72] TABART, MICHEL, FR
[72] TERRIER, CORINNE, FR
[72] THOMPSON, FABIENNE, FR
[71] SANOFI, FR
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[54] **DUAL CHARGE RIDE-ON VEHICLE**
[54] **VEHICULE AUTOPORTE A RECHARGE DOUBLE**
[72] SCHLEGEL, THOMAS K., US
[72] YOUNG, MATTHEW E., US
[72] ECKERT, CAMERON, US
[72] HERLITZ, TODD, US
[71] RADIO FLYER INC., US
[85] 2018-08-10
[86] 2017-02-10 (PCT/US2017/017328)
[87] (WO2017/139546)
[30] US (62/294,519) 2016-02-12
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[25] EN
[54] **FORMED THREE-DIMENSIONAL MATRIX AND ASSOCIATED COATING PROVIDING MODULATED RELEASE OF VOLATILE COMPOSITIONS**
[54] **MATRICE TRIDIMENSIONNELLE FORMEE ET REVETEMENT ASSOCIE PERMETTANT LA LIBERATION MODULEE DE COMPOSITIONS VOLATILES**
[72] MEHNERT, ERIC, US
[72] DO, BAO TRONG, US
[72] MCKAY, NICHOLAS D., US
[72] SHERWOOD, JEFFREY S., US
[71] ENVIROSCENT, INC., US
[85] 2018-08-10
[86] 2016-06-09 (PCT/US2016/036672)
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[54] **RNA CONTAINING COMPOSITIONS AND METHODS OF THEIR USE**
[54] **COMPOSITIONS CONTENANT DE L'ARN ET LEURS METHODES D'UTILISATION**
[72] GREENBAUM, BENJAMIN, US
[72] BHARDWAJ, NINA, US
[72] LEVINE, ARNOLD, US
[72] MONASSON, REMI, FR
[72] COCCO, SIMONA, FR
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
[71] INSTITUTE FOR ADVANCED STUDY-LOUIS BAMBERGER & MRS. FELIX FULD FOUNDATIO, US
[71] ECOLE NORMALE SUPERIEURE, FR
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[86] 2016-02-16 (PCT/US2016/018001)
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[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/68 (2006.01)**
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[54] **METHODS OF IMMUNOGENIC MODULATION**
[54] **PROCEDES DE MODULATION IMMUNOGENIQUE**
[72] SOON-SHIONG, PATRICK, US
[72] NIAZI, KAYVAN, US
[72] RABIZADEH, SHAHROOZ, US
[71] NANT HOLDINGS IP, LLC, US
[71] NANTCELL, INC., US
[85] 2018-08-13
[86] 2017-02-16 (PCT/US2017/018214)
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[54] **DIGITAL AUDIO SUPPLEMENTATION**
[54] **SUPPLEMENTATION AUDIO NUMERIQUE**
[72] WILSON, JEFF, US
[72] TOMLIN, JAYSON, US
[71] FIDELIQUEST LLC, US
[85] 2018-08-13
[86] 2016-02-12 (PCT/US2016/017811)
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[54] **PIXEL ARRAY MEDICAL SYSTEMS, DEVICES AND METHODS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES MEDICAUX A RESEAU DE PIXELS**
[72] KNOWLTON, EDWARD, US
[71] SRGI HOLDINGS, LLC, US
[71] KNOWLTON, EDWARD, US
[85] 2018-08-13
[86] 2017-02-13 (PCT/US2017/017683)
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[25] EN
[54] **SUBSTITUTED 4-BENZYL AND 4-BENZOYL PIPERIDINE DERIVATIVES**
[54] **DERIVES DE 4-BENZYL ET 4-BENZOYL-PIPERIDINE SUBSTITUES**
[72] BECKNELL, NADINE C., US
[72] DANDU, REDDEPPA REDDY, US
[72] DORSEY, BRUCE D., US
[72] GOTCHEV, DIMITAR B., US
[72] HUDKINS, ROBERT L., US
[72] WEINBERG, LINDA, US
[72] ZIFICSAK, CRAIG A., US
[71] CEPHALON, INC., US
[85] 2018-08-09
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[25] EN
[54] **CANCER TREATMENT COMBINATION COMPOSITIONS, METHODS AND USES**
[54] **COMPOSITIONS DE COMBINAISON DE TRAITEMENT DU CANCER, PROCEDES ET UTILISATIONS**
[72] CARDELLI, JAMES, US
[72] DRAGOI, ANA-MARIA, US
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
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[54] **MINIMIZING AZIMUTHAL CURRENT INDUCED ON TUBULARS BY TRANSMITTERS**
[54] **MINIMISATION DU COURANT AZIMUTAL INDUIT SUR DES ELEMENTS TUBULAIRES PAR DES EMETTEURS**
[72] CAPOGLU, ILKER R., US
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-08-13
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[54] **IMPROVED INFLUENZA B VIRUS REPLICATION FOR VACCINE DEVELOPMENT**
[54] **REPLICATION AMELIOREE DU VIRUS DE LA GRIPPE B POUR L'ELABORATION DE VACCIN**
[72] KAWAOKA, YOSHIHIRO, US
[72] NEUMANN, GABRIELE, US
[72] PING, JIHUI, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION (WARF), US
[85] 2018-08-13
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[54] **DYNAMIC PULSED EDDY CURRENT PROBE**
[54] **SONDE A COURANT DE FOUCAULT PULSE DYNAMIQUE**
[72] KOENIG, KAMALU MICHAEL-STANLEY, US
[72] MALINOWSKI, OWEN MICHAEL, US
[71] STRUCTURAL INTEGRITY ASSOCIATES, INC., US
[85] 2018-08-13
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[54] **FUEL CELL POWER PLANT WITH REAL AND REACTIVE POWER MODES**
[54] **CENTRALE A PILES A COMBUSTIBLE A MODES DE PUISSANCE REELLE ET REACTIVE**
[72] PHILHOWER, JASON W., US
[71] DOOSAN FUEL CELL AMERICA, INC., US
[85] 2018-08-13
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[30] US (15/060,944) 2016-03-04

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[54] **REPAIR CLAMP GASKET**
[54] **JOINT D'ETANCHEITE DE COLLIER DE REPARATION**
[72] PIONTEK, DARYL M., US
[72] MINICH, RAYMOND C., US
[71] TOTAL PIPING SOLUTIONS, INC., US
[85] 2018-08-13
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[54] **INTELLIGENT MONITORING SYSTEMS FOR LIQUID ELECTROLYTE BATTERIES**
[54] **SYSTEMES DE SURVEILLANCE INTELLIGENTS POUR BATTERIES A ELECTROLYTE LIQUIDE**
[72] HERREMA, MARK, US
[72] EARL, RON D., US
[72] KLOOTE, SCOTT, US
[72] FOX, JASON L., US
[71] FLOW-RITE CONTROLS, LTD., US
[85] 2018-08-13
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[25] EN
[54] **STAPLED INTRACELLULAR-TARGETING ANTIMICROBIAL PEPTIDES TO TREAT INFECTION**
[54] **PEPTIDES ANTIMICROBIENS AGRAFES A CIBLAGE INTRACELLULAIRE POUR TRAITER UNE INFECTION**
[72] WALENSKY, LOREN D., US
[72] MOURTADA, RIDA, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[54] **METHOD FOR THE PRODUCTION OF IMMUNOGLOBULIN SINGLE VARIABLE DOMAINS**
[54] **PROCEDE DE PRODUCTION DE DOMAINES VARIABLES UNIQUES D'IMMUNOGLOBULINE**
[72] SCHOTTE, PETER, BE
[72] DE GROEVE, MANU, BE
[71] ABLYNX NV, BE
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[54] **PRIORITY-BASED ACCESS OF COMPRESSED MEMORY LINES IN MEMORY IN A PROCESSOR-BASED SYSTEM**
[54] **ACCES BASE SUR LA PRIORITE DE LIGNES DE MEMOIRE COMPRESSEES DANS UNE MEMOIRE DANS UN SYSTEME A PROCESSEUR**
[72] OPORTUS VALENZUELA, ANDRES ALEJANDRO, US
[72] ANSARI, AMIN, US
[72] SENIOR, RICHARD, US
[72] GENG, NIEYAN, US
[72] JANAKIRAMAN, ANAND, US
[72] CHHABRA, GURVINDER SINGH, US
[71] QUALCOMM INCORPORATED, US
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[54] **SYSTEM FOR PLANETARY-SCALE ANALYTICS**
[54] **SYSTEME D'ANALYSE A ECHELLE PLANETAIRE**
[72] KARGIEMAN, EMILIANO, AR
[72] RICHARTE, GERARDO GABRIEL, AR
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[54] **LIQUID LEVEL SENSOR FOR BATTERY MONITORING SYSTEMS**
[54] **CAPTEUR DE NIVEAU DE LIQUIDE POUR SYSTEMES DE SURVEILLANCE DE BATTERIE**
[72] HERREMA, MARK, US
[72] EARL, RON D., US
[72] KLOOTE, SCOTT, US
[72] FOX, JASON L., US
[72] SHINEW, MATTHEW T., US
[72] MOELKER, DAVID A., US
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[25] EN
[54] **KINETIC HYDRATE INHIBITORS FOR CONTROLLING GAS HYDRATE FORMATION IN WET GAS SYSTEMS**
[54] **INHIBITEURS D'HYDRATES CINETIQUES DESTINES A LA REGULATION DE LA FORMATION D'HYDRATES DE GAZ DANS DES SYSTEMES DE GAZ HUMIDE**
[72] JONES, REGAN ANDREW, US
[72] BARTELS, JEREMY WAYNE, US
[72] MOLONEY, JEREMY, US
[71] ECOLAB USA INC., US
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[25] FR
[54] **METHOD FOR MANUFACTURING A PART MADE OF A CERAMIC MATRIX COMPOSITE MATERIAL**
[54] **PROCEDE DE FABRICATION D'UNE PIECE EN MATERIAU COMPOSITE A MATRICE CERAMIQUE**
[72] MENDEZ, EMILIE, FR
[72] ROGER, JEROME, FR
[72] LEPETITCORPS, YANN, FR
[71] SAFRAN CERAMICS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **SYSTEM AND METHOD FOR ADVANCED CAMPAIGN MANAGEMENT**
[54] **SYSTEME ET PROCEDE POUR UNE GESTION DE CAMPAGNE AVANCEE**
[72] STUMPF, MARK R., US
[72] MCCORMICK, CHAD, US
[72] WOLFE, BRIAN, US
[71] INTERACTIVE INTELLIGENCE GROUP, INC., US
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[54] **ASEPTIC PROTEIN BEVERAGE AND METHOD OF PREPARATION**
[54] **BOISSON ASEPTIQUE A BASE DE PROTEINES ET SON PROCEDE DE PREPARATION**
[72] WOLF, MICHELE, US
[72] SMITH, ERIKA, US
[72] FIREBAUGH, JON, US
[71] GENERAL MILLS, INC., US
[85] 2018-08-13
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[25] FR
[54] **TYRE CROWN REINFORCEMENT MADE UP OF TWO WORKING CROWN LAYERS**
[54] **ARMATURE DE SOMMET DE PNEUMATIQUE CONSTITUEE DE DEUX COUCHES DE SOMMET DE TRAVAIL**
[72] FOURNIER, OREL, FR
[72] BESTGEN, LUC, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2018-08-13
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[25] EN
[54] **METHODS AND SYSTEM FOR DISTRIBUTING INFORMATION VIA MULTIPLE FORMS OF DELIVERY SERVICES**
[54] **PROCEDES ET SYSTEME DE DISTRIBUTION D'INFORMATIONS VIA UNE PLURALITE DE FORMES DE SERVICES DE DISTRIBUTION**
[72] GREEN, SHAWN DAVID, US
[72] KIRSCHNER, DANIEL BRIAN, US
[71] GREENFLY, INC., US
[85] 2018-08-13
[86] 2017-02-09 (PCT/US2017/017182)
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[25] EN
[54] **IMPROVED APPARATUS FOR SEALING AND INFLATION OF DAMAGED INFLATABLE ARTICLES, SUCH AS PUNCTURED TIRES**
[54] **APPAREIL AMELIORE D'ETANCHEIFICATION ET DE GONFLAGE D'ARTICLES GONFLABLES ENDOMMAGES, TELS QUE DES PNEUS CREVES**
[72] DOWEL, TERENCE, AU
[71] TRYDEL RESEARCH PTY LTD, AU
[85] 2018-08-14
[86] 2017-02-15 (PCT/AU2017/050126)
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[25] EN
[54] **CRYSTALLIZATION INHIBITOR COMPOSITIONS FOR IMPLANTABLE UROLOGICAL DEVICES**
[54] **COMPOSITIONS INHIBITRICES DE CRISTALLISATION POUR DISPOSITIFS UROLOGIQUES IMPLANTABLES**
[72] TATON, KRISTIN, US
[71] INNOVATIVE SURFACE TECHNOLOGIES, INC., US
[85] 2018-08-13
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[25] EN
[54] **T-CELL MODULATORY MULTIMERIC POLYPEPTIDES AND METHODS OF USE THEREOF**
[54] **POLYPEPTIDES MULTIMERES MODULATEURS DES LYMPHOCYTES T ET LEURS PROCEDES D'UTILISATION**
[72] SEIDEL, RONALD D., III, US
[72] CHAPARRO, RODOLFO, US
[71] CUE BIOPHARMA, INC., US
[85] 2018-08-13
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[54] **ANTICORPS ANTI-CD20 CANIN CHIMERIQUE**
[72] PANCOOK, JAMES DAVID, US
[71] ELANCO US INC., US
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[30] US (62/296,729) 2016-02-18

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[25] EN
[54] **BRUSH GRINDING HEAD FOR A GRINDING MACHINE**
[54] **TETE ABRASIVE A BROSSES POUR UNE PONCEUSE**
[72] ANKERSEN, BENT, DK
[71] TYROLIT - SCHLEIFMITTELWERKE SWAROVSKI K.G., AT
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[25] EN
[54] **POWDERY MILDEW RESISTANCE GENES IN CARROT**
[54] **GENES DE RESISTANCE A L'OIDIUM CHEZ LA CAROTTE**
[72] HAARSMA, ADRIANA DORIEN, NL
[72] ZWAAN, WILLEM ARIE, NL
[72] NIJKAMP, JURGEN FRANCISCUS, NL
[72] WIJNKER, JACOBUS PETRUS MARTINUS, NL
[72] DEKKER, PETER ARNOLDUS, NL
[72] KROON, LAURENTIUS PETRUS NICOLAAS MARTINUS, NL
[72] SCHRIJVER, ALBERTUS JOHANNES MARIA, NL
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[25] EN
[54] **T-CELL MODULATORY MULTIMERIC POLYPEPTIDES AND METHODS OF USE THEREOF**
[54] **POLYPEPTIDES MULTIMERES MODULATEURS DES LYMPHOCYTES T ET LEURS PROCEDE D'UTILISATION**
[72] SEIDEL, RONALD D., III, US
[72] CHAPARRO, RODOLFO, US
[71] CUE BIOPHARMA, INC., US
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[87] (WO2017/151940)
[30] US (62/303,268) 2016-03-03

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[54] **RECIPCODE AND CONTAINER OF SYSTEM FOR PREPARING A BEVERAGE OR FOODSTUFF**
[54] **CODE RECETTE ET RECIPIENT DE SYSTEME DE PREPARATION DE BOISSON OU D'ALIMENT**
[72] NOTH, ANDRE, CH
[71] NESTEC S.A., CH
[85] 2018-08-10
[86] 2017-02-23 (PCT/EP2017/054152)
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[54] **CONNECTING DEVICE AND METHOD FOR CONNECTING TWO COMPONENTS**
[54] **DISPOSITIF DE RACCORDEMENT ET PROCEDE POUR RACCORDER DEUX COMPOSANTS**
[72] BAUR, FRANZ, DE
[72] JEKER, PATRICK, CH
[72] SEILER, PHILIPP, CH
[72] HASER, FRANZ JOSEF, DE
[71] BAUR, FRANZ, DE
[71] LAMELLO AG, CH
[71] HASER, FRANZ JOSEF, DE
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[54] **VINORELBINE MONOTARTRATE AND ITS PHARMACEUTICAL USE**
[54] **MONOTARTRATE DE VINORELBINE ET SON UTILISATION PHARMACEUTIQUE**
[72] ZABUDKIN, OLEKSANDR, DE
[72] MATVIYENKO, VIKTOR, DE
[72] MATHA, VLADIMIR, CZ
[72] SCHICKANEDER, CHRISTIAN, DE
[72] MATVIIENKO, IAROSLAV, DE
[72] SYPCHENKO, VOLODYMYR, DE
[71] SYNBIAS PHARMA AG, CH
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[54] **PIPE LAYING APPARATUS**
[54] **APPAREIL DE POSE DE TUYAU**
[72] GATELY, PEARSE, IE
[71] GATELY, PEARSE, IE
[85] 2018-08-14
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[25] EN
[54] **NEUROMUSCULAR STIMULATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE STIMULATION NEUROMUSCULAIRE**
[72] FORREST, GAIL FLORENCE, US
[72] HARKERNA, SUSAN JILL, US
[72] COLLINS, DAVID FREDERIC, CA
[71] UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, US
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[71] KESSLER FOUNDATION INC., US
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[54] **METHOD FOR CHECKING THE CONDITION OF A THERAPEUTIC AGENT HOUSED IN AN INJECTION DEVICE**
[54] **PROCEDE POUR VERIFIER L'ETAT D'UN MEDICAMENT STOCKE DANS UN DISPOSITIF D'INJECTION**
[72] SCHILDT, JANKO, DE
[72] BENTRUP, MARKUS, DE
[71] EMPERRA GMBH E-HEALTH TECHNOLOGIES, DE
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[25] EN
[54] **CELL LINES FOR PRODUCING RECOMBINANT GLYCOPROTEINS WITH DI-ANTENNARY N-GLYCANS, METHODS USING THE SAME, AND RECOMBINANT GLYCOPROTEINS**
[54] **LIGNEES CELLULAIRES POUR LA PRODUCTION DE GLYCOPROTEINES RECOMBINEES AVEC N-GLYCANES BI-ANTENNAIRES, PROCEDES LES UTILISANT, ET GLYCOPROTEINES RECOMBINEES**
[72] WISSING, SILKE, DE
[72] WOLFEL, JENS, DE
[72] FAUST, NICOLE, DE
[72] KEWES, HELMUT, DE
[71] CEVEC PHARMACEUTICALS GMBH, DE
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[54] **ELECTRICAL DEVICE, HAVING A HOUSING PART AND A COVER PART**
[54] **APPAREIL ELECTROMENAGER, PRESENTANT UN ELEMENT BOITIER ET UN ELEMENT COUVERCLE**
[72] HANNICH, THOMAS, DE
[72] KOLLAR, HANS JURGEN, DE
[72] KNELLER, KLAUS, DE
[71] SEW-EURODRIVE GMBH & CO. KG, DE
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[54] **LOW-PRESSURE ULTRAVIOLET RADIATOR WITH MULTIPLE FILAMENTS**
[54] **RADIATEUR A ULTRAVIOLET BASSE PRESSION AVEC MULTIPLES FILAMENTS**
[72] LOESENBECK, JAN BORIS, DE
[71] XYLEM IP MANAGEMENT S.A R.L., LU
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[54] **APPAREIL DE REFROIDISSEMENT THERMOELECTRIQUE**
[72] PEIRSMAN, DANIEL, BE
[72] VANDEKERCKHOVE, STIJN, BE
[71] ANHEUSER-BUSCH INBEV S.A., BE
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[51] **Int.Cl. B61F 5/38 (2006.01) B61F 5/30 (2006.01)**
[25] EN
[54] **WHEEL AXLE GUIDING ASSEMBLY WITH LONGITUDINAL HYDRO-MECHANICAL CONVERTERS AND ASSOCIATED RUNNING GEAR**
[54] **ENSEMBLE DE GUIDAGE D'ESSIEU DE ROUE A CONVERTISSEURS HYDROMECANIQUES LONGITUDINAUX ET TRAIN DE ROULEMENT ASSOCIE**
[72] WOLF, ANDREAS, CH
[72] CORDTS, DETLEF, DE
[72] WALLET, DOMINIQUE, FR
[72] BRADLEY, MATTHEW, GB
[71] BOMBARDIER TRANSPORTATION GMBH, DE
[71] CARL FREUDENBERG KG, DE
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[25] EN
[54] **ENHANCED FLAVOR RELEASE CHEWING GUM COMPOSITION**
[54] **COMPOSITION DE GOMME A MACHER A LIBERATION D'AROME AMELIOREE**
[72] QIU, RONG, CN
[72] WANG, QINGLI, CN
[71] ROQUETTE FRERES, FR
[85] 2018-08-14
[86] 2017-02-16 (PCT/EP2017/053473)
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[25] EN
[54] **SULFONYLUREAS AND RELATED COMPOUNDS AND USE OF SAME**
[54] **SULFONYLUREES ET COMPOSES APPARENTES ET LEUR UTILISATION**
[72] O'NEILL, LUKE, IE
[72] COLL, REBECCA, AU
[72] COOPER, MATTHEW, AU
[72] ROBERTSON, AVRIL, AU
[72] SCHRODER, KATE, AU
[72] MACLEOD, ANGUS MURRAY, GB
[72] MILLER, DAVID JOHN, GB
[71] THE PROVOST, FELLOWS, FOUNDATION SCHOLARS, AND THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY AND UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN, IE
[71] THE UNIVERSITY OF QUEENSLAND, AU
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[54] **PROTEIN PURIFICATION**
[54] **PURIFICATION DE PROTEINES**
[72] ROSE, MICHAEL HARRY, GB
[71] UCB BIOPHARMA SPRL, BE
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[54] **PROCEDE DE SEPARATION DU VANADIUM**
[72] NOWAK, BENEDIKT, AT
[72] WEISSENBAECK, HERBERT, AT
[71] SMS GROUP PROCESS TECHNOLOGIES GMBH, AT
[85] 2018-08-14
[86] 2017-02-28 (PCT/EP2017/054608)
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[54] **LOW STEAM/CARBON REVAMP OF A PLANT COMPRISING A STEAM REFORMING SECTION AND A WATER-GAS SHIFT SECTION**
[54] **MODERNISATION A FAIBLE VAPEUR/CARBONE D'UNE INSTALLATION COMPRENANT UNE SECTION DE REFORMAGE A LA VAPEUR ET UNE SECTION DE DEPLACEMENT EAU-GAZ**
[72] ROSTRUP-NIELSEN, THOMAS, DK
[72] SCHJODT, NIELS CHRISTIAN, DK
[72] SPETH, CHRISTIAN HENRIK, DK
[72] KROLL JENSEN, ANNETTE E., DK
[71] HALDOR TOPSOE A/S, DK
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[25] EN
[54] **LAMINATED FILM COMPRISING ETHYLENE COPOLYMER**
[54] **LA PRESENTE INVENTION CONCERNE UNE COMPOSITION POLYMERE POUR UNE COUCHE DE FILM DESTINEE A ETRE UTILISEE DANS UN STRATIFIE**
[72] ODERKERK, JEROEN, SE
[72] BROEDERS, BERT, BE
[72] SULTAN, BERNT-AKE, SE
[72] GALGALI, GIRISH SURESH, AT
[72] HELLSTROM, STEFAN, SE
[72] BERGQVIST, MATTIAS, SE
[72] VERHEULE, BART, BE
[72] AKYUZ-KARLSSON, KRISTINA, SE
[72] ANDREASSON, URBAN, SE
[72] COSTA, FRANCIS, AT
[72] TRAN, ANH TUAN, AT
[71] BOREALIS AG, AT
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[25] EN
[54] **CONTAINER CONSISTING OF PLASTIC MATERIAL, AND METHOD FOR PRODUCING A CONTAINER OF THIS TYPE**
[54] **CONTENANT EN MATIERE PLASTIQUE ET PROCEDE DE FABRICATION DE CE CONTENANT**
[72] SPALLEK, MICHAEL, DE
[72] GESER, JOHANNES, DE
[72] HAMMER, ALEXANDER, DE
[72] SCHRECKENHOFER, MANFRED, DE
[72] GROH, MARTIN, DE
[71] KOCHER-PLASTIK MASCHINENBAU GMBH, DE
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[25] FR
[54] **REINFORCEMENT FOR CROWN OF PNEUMATIC TIRE, COMPOSED OF TWO WORKING CROWN LAYERS AND ONE LAYER OF CIRCUMFERENTIAL REINFORCEMENT ELEMENTS**
[54] **ARMATURE DE SOMMET DE PNEUMATIQUE CONSTITUEE DE DEUX COUCHES DE SOMMET DE TRAVAIL ET D'UNE COUCHE D'ELEMENTS DE RENFORCEMENT CIRCONFERENTIELS**
[72] FOURNIER, OREL, FR
[72] DAYET, PATRICK, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2018-08-13
[86] 2017-02-23 (PCT/FR2017/050397)
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[25] EN
[54] **SULFIDE-BASED ALKANE DEHYDROGENATION CATALYSTS**
[54] **CATALYSEURS DE DESHYDROGENATION D'ALCANES A BASE DE SULFURE**
[72] HOJLUND NIELSEN, POUL ERIK, DK
[72] NIELSEN, RASMUS MUNKSGARD, DK
[72] LEMUS-YEGRES, LIVED J., DK
[71] HALDOR TOPSOE A/S, DK
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[54] **CARRIER ASSEMBLY FOR CARRYING AN ELECTRONICS HOUSING**
[54] **ENSEMBLE SUPPORT POUR SUPPORTER UN BOITIER ELECTRONIQUE**
[72] KETTERN, MARKUS, DE
[72] HOLSTE, DIETER, DE
[71] PHOENIX CONTACT GMBH & CO. KG, DE
[85] 2018-08-14
[86] 2017-01-31 (PCT/EP2017/052042)
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[25] EN
[54] **POLARIZING BEAM SPLITTER WITH LOW LIGHT LEAKAGE**
[54] **SEPARATEUR DE FAISCEAU DE POLARISATION A FAIBLE FUITE DE LUMIERE**
[72] SISSOM, BRADLEY JAY, US
[71] MAGIC LEAP, INC., US
[85] 2018-08-13
[86] 2017-02-24 (PCT/US2017/019510)
[87] (WO2017/147527)
[30] US (62/299,547) 2016-02-24
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[30] US (62/307,263) 2016-03-11

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **HEATER AND WICK ASSEMBLY FOR AN AEROSOL GENERATING SYSTEM**
[54] **ENSEMBLE DISPOSITIF DE CHAUFFAGE ET MECHE POUR UN SYSTEME GENERATEUR D'AEROSOL**
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-08-14
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR INHIBITING WNT SIGNALING**
[54] **COMPOSITIONS ET METHODES POUR INHIBER LA SIGNALISATION DE WNT**
[72] DONG, MIN, US
[72] TAO, LIANG, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2018-08-13
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[54] **OIL-SOLUBLE PLANT MICRONUTRIENTS**
[54] **MICRONUTRIMENTS VEGETAUX LIPOSOLUBLES**
[72] MEREDITH, MATTHEW T., US
[71] HUNTSMAN PETROCHEMICAL LLC, US
[85] 2018-08-13
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[25] EN
[54] **KITCHEN VENTILATION SYSTEM**
[54] **SYSTEME DE VENTILATION DE CUISINE**
[72] ROUSSOS, ANDREAS, CA
[71] ROUSSOS, ANDREAS, CA
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[54] **EXPANDED FUNCTIONALITY STOP-START FUEL SAVING SYSTEM FOR VOCATIONAL VEHICLES**
[54] **SYSTEME D'ECONOMIE DE CARBURANT PAR ARRET-DEMARRAGE A FONCTIONNALITE ETENDUE POUR VEHICULES PROFESSIONNELS**
[72] LACROIX, BENOIT, CA
[72] FOUQUET, DANY, CA
[72] ARSENAULT, DAVID, CA
[71] DEVELOPPEMENT EFFENCO INC., CA
[85] 2018-08-14
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[25] EN
[54] **AN APPARATUS, SYSTEM AND METHOD FOR TREATING HEMORRHAGE**
[54] **APPAREIL, SYSTEME ET PROCEDE DE TRAITEMENT D'UNE HEMORRAGIE**
[72] CAULKETT, NIGEL, CA
[72] PANG, JESSICA, CA
[72] BOYSEN, SOREN, CA
[71] UTI LIMITED PARTNERSHIP, CA
[85] 2018-08-14
[86] 2017-02-22 (PCT/CA2017/050222)
[87] (WO2017/143436)
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[25] EN
[54] **FOSFOMYCIN FORMULATION FOR PARENTERAL ADMINISTRATION**
[54] **FORMULATIONS DE FOSFOMYCINE POUR UNE ADMINISTRATION PARENTERALE**
[72] GEORGOPOULOS, APOSTOLOS, AT
[72] SCHIFER, ALBERT, AT
[72] ROUS, WOLFGANG, AT
[71] GEORGOPOULOS, APOSTOLOS, AT
[71] SCHIFER, ALBERT, AT
[71] ROUS, WOLFGANG, AT
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[25] EN
[54] **SMC COMBINATION THERAPY FOR THE TREATMENT OF CANCER**
[54] **POLYTHERAPIE ANTICANCEREUSE A BASE DE SMC**
[72] BEUG, SHAWN T., CA
[72] KORNELUK, ROBERT G., CA
[72] LACASSE, ERIC C., CA
[72] TANG, VERA A., CA
[71] CHILDREN'S HOSPITAL OF EASTERN ONTARIO RESEARCH INSTITUTE INC., CA
[85] 2018-08-14
[86] 2017-02-23 (PCT/CA2017/050237)
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[25] EN
[54] **A METHOD AND A SYSTEM FOR MEASURING POWER LOSS IN A POWER TRANSFORMER**
[54] **PROCEDE ET SYSTEME DE MESURE DE PERTE DE PUISSANCE DANS UN TRANSFORMATEUR DE PUISSANCE**
[72] ABEYWICKRAMA, NILANGA, SE
[72] KARLSSON, SVANTE, SE
[72] BENGTSSON, TORD, SE
[71] ABB SCHWEIZ AG, CH
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[25] FR
[54] **REDUCTION GEAR WITH INPUT/OUTPUT ROTATION REVERSAL**
[54] **REDUCTEUR DE VITESSE A INVERSION DE SENS DE ROTATION ENTREE/SORTIE**
[72] FERAUD, BENJAMIN, FR
[72] MOREAU DE LIZOREUX, ALDRIC RENAUD GABRIEL MARIE, FR
[72] MORELLI, BORIS, FR
[72] AMIET, MAXIME, FR
[72] MATHIEU, ANTOINE, FR
[71] SAFRAN TRANSMISSION SYSTEMS, FR
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[54] **PRODUCT DETECTOR**
[54] **DETECTEUR DE PRODUIT**
[72] GOYETTE, STEPHANE, CA
[71] GEBO CERMEX CANADA INC., CA
[85] 2018-08-14
[86] 2016-02-19 (PCT/IB2016/000157)
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[25] EN
[54] **LOW INSERTION LOSS HIGH TEMPERATURE STABLE FIBER BRAGG GRATING SENSOR AND METHOD FOR PRODUCING SAME**
[54] **CAPTEUR A RESEAU DE BRAGG SUR FIBRE STABLE A HAUTE TEMPERATURE ET A FAIBLE PERTE D'INSERTION, ET PROCEDE DE FABRICATION DE CE CAPTEUR**
[72] GROBNIC, DAN, CA
[72] MIHAILOV, STEPHEN, CA
[72] WALKER, ROBERT, CA
[72] LU, PING, CA
[72] DING, HUIMIN, CA
[72] COULAS, DAVID, CA
[72] HNATOVSKY, CYRIL, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[25] EN
[54] **TISSUE TREATMENT WITH PLASMA ARC STREAM**
[54] **TRAITEMENT D'UN TISSU PAR JET D'ARC PLASMA**
[72] FREGOSO, GILBERT, CA
[71] MEDIDENT TECHNOLOGIES INC., CA
[85] 2018-08-14
[86] 2017-02-16 (PCT/IB2017/050889)
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[30] US (62/297,633) 2016-02-19

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[51] **Int.Cl. F16K 5/06 (2006.01) F16K 5/20 (2006.01)**
[25] EN
[54] **SEALING ASSEMBLY FOR BALL VALVES AND BALL VALVE COMPRISING SUCH A SEALING ASSEMBLY**
[54] **ENSEMBLE D'ETANCHEITE POUR CLAPETS A BILLE ET CLAPET A BILLE COMPRENANT UN TEL ENSEMBLE D'ETANCHEITE**
[72] SCATTINI, ROBERTO, IT
[71] GASKET INTERNATIONAL S.R.L., IT
[85] 2018-08-14
[86] 2017-02-20 (PCT/IB2017/050946)
[87] (WO2017/141221)
[30] IT (102016000016879) 2016-02-18
[30] IT (102016000016922) 2016-02-18

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[25] EN
[54] **AEROSOL-GENERATING ARTICLE WITH AN INSULATED HEAT SOURCE**
[54] **ARTICLE GENERATEUR D'AEROSOL A SOURCE DE CHALEUR ISOLEE**
[72] DUC, FABIEN, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[51] **Int.Cl. A47J 31/44 (2006.01)**
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[54] **A MILK FROTHER SYSTEM AND OPERATING METHOD**
[54] **SYSTEME DE MOUSSAGE DE LAIT ET PROCEDE DE FONCTIONNEMENT**
[72] KROOS, FRIEDRICH, CH
[71] TCHIBO (SCHWEIZ) AG, CH
[85] 2018-08-14
[86] 2017-02-17 (PCT/EP2017/053715)
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[30] EP (16157854.7) 2016-02-29

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[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **BEVERAGE MACHINE WITH AN ERGONOMIC SERVICE UNIT**
[54] **MACHINE A BOISSONS COMPORTANT UNE UNITE D'ENTRETIEN ERGONOMIQUE**
[72] CAHEN, ANTOINE, CH
[71] NESTEC S.A., CH
[85] 2018-08-14
[86] 2017-03-01 (PCT/EP2017/054678)
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[51] **Int.Cl. H04B 7/04 (2017.01) H04L 25/02 (2006.01)**
[25] EN
[54] **ELECTRONIC DEVICE AND COMMUNICATION METHOD FOR COMMUNICATION APPARATUS WITH MULTIPLE ANTENNAS**
[54] **DISPOSITIF ELECTRONIQUE ET PROCEDE POUR UN APPAREIL DE COMMUNICATION MULTIANTENNE**
[72] ZHAO, PEIYAO, CN
[72] CHEN, JINHUI, CN
[72] WANG, ZHAOCHENG, CN
[71] SONY CORPORATION, JP
[85] 2018-08-10
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[54] **AMINO ACID AND PEPTIDE CONJUGATES AND CONJUGATION PROCESS**
[54] **CONJUGUES D'ACIDES AMINES ET DE PEPTIDES ET PROCEDE DE CONJUGAISON**
[72] BRIMBLE, MARGARET ANNE, NZ
[72] WILLIAMS, GEOFFREY MARTYN, NZ
[72] DUNBAR, PETER RODERICK, NZ
[72] VERDON, DANIEL, NZ
[71] AUCKLAND UNISERVICES LIMITED, NZ
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[25] EN
[54] **A HIGHLY NUTRITIOUS PROTEINACEOUS MEAT ANALOGUE HAVING AN IMPROVED TEXTURE AND AN EXTENDED SHELF-LIFE**
[54] **ANALOGUE DE VIANDE PROTEIQUE HAUTEMENT NUTRITIF AYANT UNE TEXTURE AMELIOREE ET UNE DUREE DE CONSERVATION ACCRUE**
[72] REDL, ANDREAS, BE
[72] FENEUIL, AURELIEN, FR
[72] APPER, EMMANUELL, FR
[72] RESPONDEK, FREDERIQUE, FR
[72] LIU, XINXIN, FR
[71] TEREOS STARCH & SWEETENERS BELGIUM, BE
[85] 2018-08-14
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[25] EN
[54] **MOIST PET FOOD COMPRISING A PROTEINACEOUS MEAT ANALOGUE HAVING AN IMPROVED TEXTURE**
[54] **ALIMENT HUMIDE POUR ANIMAL DE COMPAGNIE COMPRENANT UN ANALOGUE DE VIANDE PROTEIQUE AYANT UNE TEXTURE AMELIOREE**
[72] REDL, ANDREAS, BE
[72] FENEUIL, AURELIEN, BE
[72] VOGEL, FABRICE, FR
[71] TEREOS STARCH & SWEETENERS BELGIUM, BE
[85] 2018-08-14
[86] 2017-03-08 (PCT/IB2017/051357)
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[25] EN
[54] **A FEMALE MOULD**
[54] **MOULE FEMELLE**
[72] PENAZZI, DAVIDE, IT
[71] SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA, IT
[85] 2018-08-14
[86] 2017-03-15 (PCT/IB2017/051503)
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[25] EN
[54] **A METHOD AND A TOOL FOR ASSEMBLING A FEMALE MOULD AND A FEMALE MOULD ARRANGEMENT**
[54] **PROCEDE ET OUTIL POUR ASSEMBLER UN MOULE FEMELLE ET UN AGENCEMENT DE MOULE FEMELLE**
[72] MARETTI, PIERO, IT
[72] BERGAMI, STEFANO, IT
[72] PENAZZI, DAVIDE, IT
[71] SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA, IT
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[54] **DYNAMIC FULL THREE DIMENSIONAL DISPLAY**
[54] **AFFICHAGE TRIDIMENSIONNEL COMPLET DYNAMIQUE**
[72] AMITAI, YAAKOV, IL
[72] AMITAI, MORI, IL
[72] AMITAI, MENACHEM, IL
[71] OORYM OPTICS LTD., IL
[85] 2018-08-14
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[87] (WO2017/141241)
[30] IL (244180) 2016-02-18

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[25] EN
[54] **PACKAGE SEAL HAVING A FIBROUS BREATHABLE MATERIAL**
[54] **JOINT D'EMBALLAGE PRESENTANT UN MATERIAU RESPIRANT FIBREUX**
[72] DWORAK, ADAM JAN, US
[72] INGRAHAM, BRIAN, US
[71] AMCOR FLEXIBLES, INC., US
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[54] **OPTICAL FIBER CUTTER**
[54] **ORGANE DE COUPE DE FIBRE OPTIQUE**
[72] NAKAMURA, HIROSHI, JP
[72] NOAKE, TAKESHI, JP
[72] SHIRAFUJI, NAOHISA, JP
[71] SEI OPTIFRONTIER CO., LTD., JP
[85] 2018-08-14
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[87] (WO2017/149857)
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[25] EN
[54] **A DECORATIVE PANEL**
[54] **PANNEAU DECORATIF**
[72] KJELLANDER, BIRGITTA KATARINA CHARLOTTE, NL
[72] KOMHOFF, HENRICUS HUBERTUS MARIA, NL
[71] TRESPA INTERNATIONAL B.V., NL
[85] 2018-08-14
[86] 2017-02-17 (PCT/NL2017/050100)
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[25] EN
[54] **FIBER-REINFORCED RESIN MOLDING MATERIAL AND PRODUCTION METHOD THEREFOR**
[54] **MATERIAU DE MOULAGE EN RESINE RENFORCEE PAR DES FIBRES ET PROCEDE DE PRODUCTION ASSOCIE**
[72] MOTOHASHI, TETSUYA, JP
[72] HASHIMOTO, TAKAFUMI, JP
[72] MIYOSHI, KATSUHIRO, JP
[72] SUZUKI, TAMOTSU, JP
[72] NOGUCHI, YASUMOTO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-08-14
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[54] **COMPOSITIONS AND METHODS FOR PREVENTING AND/OR TREATING VITAMIN B12 DEFICIENCY**
[54] **COMPOSITIONS ET METHODES DE PREVENTION ET/OU DE TRAITEMENT D'UNE CARENCE EN VITAMINE B12**
[72] DE VOS, WILLEM MEINDERT, NL
[71] CAELUS PHARMACEUTICALS B.V., NL
[85] 2018-08-14
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[54] **OBESITY RISK DIAGNOSIS KIT AND METHOD FOR ANALYZING RISK OF OBESITY ONSET**
[54] **TROUSSE DE DIAGNOSTIC DU RISQUE DE L'OBESITE ET PROCEDE D'ANALYSE DU RISQUE D'APPARITION DE L'OBESITE**
[72] ARATANI, SATOKO, JP
[72] FUJITA, HIDETOSHI, JP
[72] NAKAJIMA, TOSHIHIRO, JP
[71] WATAHIKI, HAJIME, JP
[71] NAKAJIMA, TOSHIHIRO, JP
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[25] EN
[54] **TOILET SYSTEM**
[54] **SYSTEME DE TOILETTES**
[72] MATSUDA, HIROSHI, JP
[72] OOTA, NAOHISA, JP
[71] LIXIL CORPORATION, JP
[85] 2018-08-14
[86] 2017-03-24 (PCT/JP2017/011979)
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[54] **RECEIVER AND PLP PROCESSING METHOD THEREFOR**
[54] **RECEPTEUR ET PROCEDE DE TRAITEMENT DE PLP POUR CELUI-CI**
[72] YANG, HYUN-KOO, KR
[72] OH, YOUNG-HO, KR
[72] LEE, HAK-JU, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **SYSTEMS AND METHODS FOR EVALUATING PIGMENTED TISSUE LESIONS**
[54] **DIAGNOSTIC DE TRANSFERT OPTIQUE POUR DETECTION ET SURVEILLANCE DE TROUBLES TISSULAIRES**
[72] STAMNES, JAKOB J., NO
[71] BALTER, INC., US
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[54] **METHODS OF TREATING ACUTE MYELOID LEUKEMIA**
[54] **METHODES DE TRAITEMENT DE LA LEUCEMIE MYELOIDE AIGUE**
[72] PEREG, YARON, IL
[72] PELED, AMNON, IL
[71] BIOLINERX LTD., IL
[71] BIOKINE THERAPEUTICS LTD., IL
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[54] **HEMATOLOGIC CANCER TREATMENTS**
[54] **TRAITEMENTS DES CANCERS HEMATOLOGIQUES**
[72] MARKOVIC, SVETOMIR N., US
[72] NEVALA, WENDY K., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
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[25] EN
[54] **STORAGE CONTAINER**
[54] **RECEPTACLE DE STOCKAGE**
[72] HUDSON, RICHARD D., US
[72] JOHNSON, JAMES J., US
[72] MORALES, GUSTAVO A., US
[71] THE SHERWIN-WILLIAMS COMPANY, US
[85] 2018-08-10
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[25] EN
[54] **ROBOTICALLY-CONTROLLED LASER CLADDING PROCESS FOR REPAIR OF WORN AND/OR DAMAGED RAILWAY STRUCTURES**
[54] **PROCEDE DE REVETEMENT AU LASER COMMANDE PAR ROBOT POUR LA REPARATION DE STRUCTURES DE CHEMIN DE FER USEES ET/OU ENDOMMAGEES**
[72] LINDEMULDER, PAUL, US
[72] KRAL, RICHARD F., US
[72] HAAKE, JOHN, US
[71] HOLLAND, L.P., US
[71] TITANOVA, INC., US
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[25] EN
[54] **SUPPORT CAGE FOR A FILTER ELEMENT, FILTER ELEMENT, AND USE FOR SUCH A FILTER ELEMENT**
[54] **CAGE SUPPORT POUR UN ELEMENT FILTRE, ELEMENT FILTRE ET UTILISATION D'UN TEL ELEMENT FILTRE**
[72] GROTH, PETER, DE
[72] SCHWARZ, PETER, DE
[71] DONALDSON FILTRATION DEUTSCHLAND GMBH, DE
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[25] EN
[54] **FLEXIBLE SUBSEA PRODUCTION ARRANGEMENT**
[54] **AGENCEMENT DE PRODUCTION SOUS-MARINE FLEXIBLE**
[72] HOMSTVEDT, GUNDER, NO
[72] MOGEDAL, KNUT, NO
[72] OVREVIK, HANS PETTER, NO
[72] NYBORG, KNUT OLAF, NO
[71] AKER SOLUTIONS INC., US
[85] 2018-08-10
[86] 2017-02-20 (PCT/US2017/018593)
[87] (WO2017/143321)
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[54] **AN ASSEMBLY OF AN INSTRUMENT PANEL AND AN ANTI-FOULING SYSTEM**
[54] **ENSEMBLE COMPRENANT UN TABLEAU DE BORD ET UN SYSTEME ANTISALISSURE**
[72] VAN DELDEN, MARTINUS HERMANUS WILHELMUS MARIA, NL
[72] PAULUSSEN, ELVIRA JOHANNA MARIA, NL
[72] HIETBRINK, ROELANT BOUDEWIJN, NL
[71] KONINKLIJKE PHILIPS N.V., NL
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[25] EN
[54] **COMPOSITE MATERIALS COMPRISING SYNTHETIC DRAGLINE SPIDER SILK**
[54] **MATERIAUX COMPOSITES COMPRENANT DE LA SOIE D'ARAIGNEE SYNTHETIQUE DE TYPE FIL DE TRAINE**
[72] ITTAH, SHMULIK, IL
[72] SHIMEL, MENI, IL
[72] SKLAN, ELLA, IL
[72] STERN, DGANIT, IL
[71] SEEVIX MATERIAL SCIENCES LTD., IL
[85] 2018-08-09
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[87] (WO2017/138002)
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[30] US (62/317,572) 2016-04-03
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[54] **METHOD OF ELIMINATING BACKGROUND AMPLIFICATION OF NUCLEIC ACID TARGETS**
[54] **PROCEDE D'ELIMINATION DE L'AMPLIFICATION DE FOND D'ACIDES NUCLEIQUES CIBLES**
[72] RONDELEZ, YANNICK, JP
[72] GINES, GUILLAUME, JP
[72] MONTAGNE, KEVIN, JP
[72] FUJII, TERUO, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[87] (WO2017/140815)
[30] IB (PCT/IB2016/000352) 2016-02-16

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[25] EN
[54] **HIGH PURITY DISORBATE ESTER OF TRIETHYLENE GLYCOL**
[54] **DISORBATE ESTER DE TRIETHYLENE GLYCOL DE HAUTE PURETE**
[72] ZHANG, JIGUANG, CN
[72] LV, BO, CN
[72] ARUMUGAM, SELVANATHAN, US
[72] ELL, JOHN, US
[72] HEWLETT, NICOLE, US
[72] HULL, JOHN W., JR., US
[72] WANG, WEI, US
[72] ROWE, BRANDON, US
[71] ROHM AND HASS COMPANY, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **MEDICAMENT FOR TREATMENT OF DIABETIC FOOT INFECTIONS**
[54] **MEDICAMENT POUR LE TRAITEMENT DES INFECTIONS DU PIED DIABETIQUE**
[72] VUAGNIAUX, GREGOIRE, CH
[72] KADI, LINDA, FR
[72] WITTKE, FREDERICK, CH
[71] DEBIOPHARM INTERNATIONAL S.A., CH
[85] 2018-08-10
[86] 2017-02-27 (PCT/EP2017/054470)
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[25] EN
[54] **DEVICE FOR EXTRACORPOREAL BLOOD TREATMENT HAVING AN EVALUATION AND CONTROL UNIT**
[54] **APPAREIL DE TRAITEMENT EXTRACORPOREL DU SANG COMPRENANT UNE UNITE D'EVALUATION ET DE COMMANDE**
[72] MAIERHOFER, ANDREAS, DE
[72] ZHANG, WEI, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[30] DE (10 2016 001 710.4) 2016-02-15

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[54] **MOLECULAR COMPUTING COMPONENT AND METHOD OF MOLECULAR COMPUTING**
[54] **COMPOSANT INFORMATIQUE MOLECULAIRE ET PROCEDE D'INFORMATIQUE MOLECULAIRE**
[72] GINES, GUILLAUME, JP
[72] RONDELEZ, YANNICK, JP
[72] FUJII, TERUO, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[25] EN
[54] **STABBING-PROOF COMPOSITE STRUCTURE, METHOD FOR MANUFACTURING A COMPOSITE STRUCTURE, STABBING-PROOF INSERT, AND PROTECTIVE TEXTILE**
[54] **STRUCTURE COMPOSITE POUR UNE PROTECTION ANTI-PERFORATION, PROCEDE DE FABRICATION D'UNE STRUCTURE COMPOSITE, ENTOILAGE DE PROTECTION ANTI-PERFORATION ET TEXTILE PROTECTEUR**
[72] STEGMAIER, THOMAS, DE
[72] SCHERRIEBLE, ANDREAS, DE
[72] JUNGER, HANNES, DE
[71] DEUTSCHE INSTITUTE FUR TEXTIL- UND FASERFORSCHUNG DENKENDORF, DE
[71] W + R GMBH, DE
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[25] EN
[54] **METHOD TO COMPENSATE MEASUREMENT ERROR OF FIBER BRAGG GRATING SENSOR CAUSED BY HYDROGEN DARKENING**
[54] **PROCEDE DE COMPENSATION D'ERREUR DE MESURE DE CAPTEUR A RESEAU DE BRAGG SUR FIBRE PROVOQUEE PAR ASSOMBRISSEMENT PAR HYDROGENE**
[72] JAASKELAINEN, MIKKO, US
[72] WANG, YUNMIAO, US
[72] BENJAMIN, SELDON, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **POSITION-RETAINING DEVICE**
[54] **DISPOSITIF DE MAINTIEN DE POSITION**
[72] HULDIN, NELSON L., US
[71] IZI MEDICAL PRODUCTS, LLC, US
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[54] **SIMULATEUR DE JOUET EDUCATIF**
[72] KALIA, NAVNEET, IN
[72] KALIA, DEVENDER DUTT, IN
[71] KALIA, NAVNEET, IN
[71] KALIA, DEVENDER DUTT, IN
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[25] EN
[54] **SEPARATION AND ANALYSIS OF SAMPLES BYMICROFLUIDIC FREE-FLOW ELECTROPHORESIS**
[54] **SEPARATION ET ANALYSE D'ECHANTILLONS PAR ELECTROPHORESE A ECOULEMENT LIBRE MICROFLUIDIQUE**
[72] ZHANG, YINGBO, GB
[72] MUELLER, THOMAS, GB
[72] KNOWLES, TUOMAS PERTTI JONATHAN, GB
[71] CAMBRIDGE ENTERPRISE LIMITED, GB
[71] FLUIDIC ANALYTICS LIMITED, GB
[85] 2018-08-14
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[30] GB (1602946.4) 2016-02-19

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[25] EN
[54] **METHOD OF IMPLANTATION OF CELL AGGREGATES AND TISSUE FRAGMENTS**
[54] **METHODE D'IMPLANTATION D'AGREGATS CELLULAIRES ET DE FRAGMENTS TISSULAIRES**
[72] SCHOUENBORG, JENS, SE
[71] NEURONANO AB, SE
[85] 2018-08-09
[86] 2017-02-23 (PCT/SE2017/000014)
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[54] **METHOD OF ALLELE SPECIFIC SILENCING FOR THE TREATMENT OF AUTOSOMAL DOMINANT CATECHOLAMINERGIC POLYMORPHIC VENTRICULAR TACHYCARDIA (CPVT)**
[54] **PROCEDE DE SILENCAGE SPECIFIQUE D'ALLELE POUR LE TRAITEMENT DE LA TACHYCARDIE VENTRICULAIRE POLYMORPHE CATECHOLAMINERGIQUE AUTOSOMIQUE DOMINANTE (TVPC)**
[72] PRIORI, SILVIA GIULIANA, IT
[72] BONGIANINO, ROSSANA, IT
[72] DENEGRI, MARCO, IT
[72] NAPOLITANO, CARLO, IT
[71] ISTITUTI CLINICI SCIENTIFICI MAUGERI SPA SB, IT
[85] 2018-08-10
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[30] US (62/295,168) 2016-02-15

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[54] **SYSTEME DE VISIOCASQUE COMPACT**
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[72] AMITAI, NADAV, IL
[71] OORYM OPTICS LTD., IL
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[71] KETER PLASTIC LTD., IL
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[54] **STRUCTURE DE CELLULE UNITAIRE POUR PILE A COMBUSTIBLE**
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[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-08-14
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[54] **DERIVES DE PIPERIDINE 1,4-SUBSTITUES**
[72] BECKNELL, NADINE C., US
[72] DANDU, REDDEPPA REDDY, US
[72] DORSEY, BRUCE D., US
[72] GOTCHEV, DIMITAR B., US
[72] HUDKINS, ROBERT L., US
[72] WEINBERG, LINDA, US
[72] ZIFICSAK, CRAIG A., US
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[54] **METHOD FOR PRODUCING SUGAR ALCOHOL**
[54] **PROCEDE DE PRODUCTION D'ALCOOL DE SUCRE**
[72] ARAI, TAKAHIRO, JP
[72] ITO, MASATERU, JP
[72] KURIHARA, HIROYUKI, JP
[72] YAMADA, KATSUSHIGE, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-08-13
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[54] **TUNNEL AERODYNAMIQUE POUR VOL HUMAIN**
[72] WESTMAN, ANTON, SE
[72] GEOREN, PETER, SE
[72] STROMBERG, JOHAN, SE
[71] INCLINED LABS AB, SE
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[54] **BANDE DE BOUCHE D'EAU REGLABLE**
[72] GIBSON, DARYL LEE, US
[72] DUNN, DAVID JAMES CARLOS, CA
[71] MUELLER INTERNATIONAL, LLC., US
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[54] **COLLET D'OUTIL POUR FIXER UN OUTIL MANUEL A UNE LANIERE D'OUTIL**
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[72] MOREAU, ANDRE W., US
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[54] **MODULAR WELL PAD SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE PLATEFORME DE PUITS MODULAIRE**
[72] HARDY, PAUL, CA
[72] OVERY, JOE, CA
[71] BANTREL CO., CA
[85] 2018-08-10
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[54] **USE OF HERBICIDE-TOLERANT PROTEIN**
[54] **APPLICATION D'UN PROTEINE TOLERANTE AUX HERBICIDES**
[72] XIE, XIANGTING, CN
[72] TAO, QING, CN
[72] PANG, JIE, CN
[72] DING, DERONG, CN
[72] BAO, XIAOMING, CN
[71] BEIJING DABEINONG TECHNOLOGY GROUP CO., LTD., CN
[71] BEIJING DABEINONG BIOTECHNOLOGY CO., LTD., CN
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[54] **SYSTEM AND METHOD FOR A X-RAY DETECTOR**
[54] **SYSTEME ET PROCEDE POUR DETECTEUR DE RAYONS X**
[72] KARIM, KARIM S., CA
[72] CUNNINGHAM, IAN A., CA
[72] LOPEZ MAURINO, SEBASTIAN, CA
[71] KARIM, KARIM S., CA
[71] CUNNINGHAM, IAN A., CA
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[54] **PRODUCTION D'OZONE A HAUTES PRESSIONS**
[72] FIEKENS, RALF, DE
[72] FIETZEK, REINER, DE
[72] SALVERMOSER, MANFRED, DE
[72] BRUGGEMANN, NICOLE, DE
[71] XYLEM IP MANAGEMENT S.A R.L., LU
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[54] **METHOD FOR PRODUCING ACTIVATED HEPATOCYTE GROWTH FACTOR (HGF)**
[54] **PROCEDE DE PRODUCTION D'UN FACTEUR DE CROISSANCE HEPATOCYTAIRE (HGF) ACTIVE**
[72] SHIMIZU, MASASHI, JP
[72] SATO, TOSHITAKA, JP
[72] ARITA, YOSHIHISA, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
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[54] **ARTICLE CONSOMMABLE DE CHICHA**
[72] BONNELY, SAMUEL, CH
[72] KOLYRIS, ANGELOS, CH
[72] JONES, STUART MICHAEL RUAN, GB
[72] KINALLY, YAAN THOMAS, GB
[72] PATON, MICHAEL, GB
[72] CROSS, DAVID, GB
[72] STEPHENSON, JOHN ANTONY, GB
[72] GOEDERTIER, DIDIER, BE
[72] CEPPI, FRANCOIS, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **ENSEMBLE EXCENTRIQUE POUR MECANISME DE MARCHE**
[72] GOSLAWSKI, ERIK A., US
[71] CATERPILLAR GLOBAL MINING LLC, US
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[54] **METHOD AND APPARATUS FOR IMPROVED DETECTIVE QUANTUM EFFICIENCY IN AN X-RAY DETECTOR**
[54] **PROCEDE ET APPAREIL PERMETTANT D'AMELIORER LE RENDEMENT QUANTIQUE DE DETECTION DANS UN DETECTEUR A RAYONS X**
[72] KARIM, KARIM S., CA
[72] CUNNINGHAM, IAN A., CA
[71] KARIM, KARIM S., CA
[71] CUNNINGHAM, IAN A., CA
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[54] **SELS D'ADDITION D'ACIDE DE DERIVES DE PIPERAZINE**
[72] QUATTROPANI, ANNA, CH
[72] KULKARNI, SANTOSH S., IN
[72] GIRI, AWADUT GAJENDRA, IN
[72] TORONTO, DAWN V., FR
[72] CROWE, DAVID MALCOLM, GB
[71] ASCENEURON S.A., CH
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[54] **REAL-TIME OPTIMIZATION AND VISUALIZATION OF PARAMETERS FOR DRILLING OPERATIONS**
[54] **OPTIMISATION ET VISUALISATION EN TEMPS REEL DE PARAMETRES POUR DES OPERATIONS DE FORAGE**
[72] SAMUEL, ROBELLO, US
[72] REDDY, UMESH N., US
[72] ANIKET, ANIKET, US
[72] LIU, ZHENGCHUN M., US
[72] URDANETA, GUSTAVO A., US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **ESTIMATION METHOD, ESTIMATION PROGRAM, ESTIMATION DEVICE, AND ESTIMATION SYSTEM**
[54] **PROCEDE D'ESTIMATION, PROGRAMME D'ESTIMATION, DISPOSITIF D'ESTIMATION ET SYSTEME D'ESTIMATION**
[72] MITSUYOSHI, SHUNJI, JP
[72] SHINOHARA, SHUJI, JP
[71] PST CORPORATION, INC., JP
[71] MITSUYOSHI, SHUNJI, JP
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[54] **METHODS OF TREATING LACTOSE INTOLERANCE**
[54] **PROCEDES DE TRAITEMENT DE L'INTOLERANCE AU LACTOSE**
[72] MCNULTY, MARIE, IE
[72] VITI, FRANCESCA, CH
[72] BELLINVIA, SALVATORE, CH
[71] NOGRA PHARMA LIMITED, IE
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[54] **ARTICLE COMPRISING A PROTECTIVE TOP LAYER BASED ON MIXED OXIDE OF ZIRCONIUM AND ALUMINUM**
[54] **ARTICLE COMPRENANT UNE COUCHE DE PROTECTION SUPERIEURE A BASE D'OXYDE MIXTE DE ZIRCONIUM ET D'ALUMINIUM**
[72] HAGEN, JAN, DE
[72] SINGH, LAURA JANE, FR
[72] BENEDETTO, ALESSANDRO, FR
[72] BARRIERES, FREDERIC, FR
[72] LOUIS, BENOIT, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **LIQUID PLANT-BASED CREAMERS WITH NATURAL HYDROCOLLOIDS**
[54] **CREMES LIQUIDES A BASE DE PLANTE AVEC HYDROCOLLOIDES NATURELS**
[72] BUNCE, MATTHEW GALEN, US
[72] FU, JUN-TSE RAY, US
[72] SAFFON, MAXIME, US
[72] SHER, ALEXANDER A., US
[72] OCTAVIA, WINNIE, US
[71] NESTEC S.A., CH
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[25] EN
[54] **LOGISTICS METHOD AND SYSTEM FOR PLANNING SEQUENCING OF BULK MATERIAL CONTAINERS**
[54] **PROCEDE ET SYSTEME LOGISTIQUES DE PLANIFICATION D'UN SEQUENCAGE DE CONTENEURS DE MATERIAU EN VRAC**
[72] LEWIS, BRYAN JOHN, US
[72] SCHAFFNER, AUSTIN CARL, US
[72] HUNTER, TIMOTHY HOLIMAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CORTISTATIN ANALOGS**
[54] **ANALOGUES DE LA CORTISTATINE**
[72] SHAIR, MATTHEW D., US
[72] PELISH, HENRY EFREM, US
[72] AHN, JAE YOUNG, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2018-08-09
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[25] EN
[54] **PLURIPOTENT STEM CELL EXPANSION AND PASSAGE USING A STIRRED TANK BIOREACTOR**
[54] **EXPANSION ET REPIQUAGE DE CELLULES SOUCHES PLURIPOTENTES AU MOYEN D'UN BIOREACTEUR A PLATEFORME BASCULANTE**
[72] DAVIS, BRIAN MICHAEL, US
[72] CONWAY, KENNETH ROGER, US
[72] ZHANG, XIAOHUA, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **TECHNIQUES FOR LASER ALIGNMENT IN PHOTONIC INTEGRATED CIRCUITS**
[54] **TECHNIQUES D'ALIGNEMENT LASER UTILISEES DANS DES CIRCUITS INTEGRES PHOTONIQUES**
[72] HEMENWAY, ROE, US
[72] STAGARESCU, CRISTIAN, US
[72] MEEROVICH, DANIEL, US
[72] GREEN, MALCOLM R., US
[72] PARZ, WOLFGANG, US
[72] MA, JICHI, US
[72] GRZYBOWSKI, RICHARD ROBERT, US
[72] BICKEL, NATHAN, US
[71] MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC., US
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[54] **SOIN DE L'INTESTIN PAR IONTOPHORESE**
[72] KORSTEN, MARK A., US
[72] BAUMAN, WILLIAM A., US
[71] UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
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[54] **DISPOSITIF GENERATEUR D'AEROSOL PRESENTANT UN DISPOSITIF DE RETOUR VISUEL**
[72] BATISTA, RUI NUNO, CH
[72] HEDARCHET, STEPHANE ANTONY, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **IMPROVED METHODS FOR CLEANING FILTRATION SYSTEM MEDIA**
[54] **PROCEDES AMELIORES POUR NETTOYER DES SUPPORTS DE SYSTEME DE FILTRATION**
[72] BOYD, CARMICHAEL, US
[72] FOREMAN, WILLIAM, US
[71] SCHREIBER, LLC, US
[85] 2018-08-09
[86] 2017-03-20 (PCT/US2017/023258)
[87] (WO2017/161381)
[30] US (62/310,376) 2016-03-18

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[25] EN
[54] **IRON OXIDE NANOPARTICLES AND METHODS OF USE THEREOF**
[54] **NANOPARTICULES D'OXYDE DE FER ET LEURS PROCEDES D'UTILISATION**
[72] KOO, HYUN, US
[72] GAO, LIZENG, US
[72] CORMODE, DAVID, US
[72] NAHA, PRATAP, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[25] EN
[54] **AQUACULTURE FISH PEN WITH MORTALITY TRAP**
[54] **COMPARTIMENT A POISSON D'AQUACULTURE A PIEGE POUR POISSONS MORTS**
[72] GACE, LANGLEY R., US
[72] KELLY, DAVID, US
[71] INNOVASEA SYSTEMS, INC., US
[85] 2018-08-13
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[30] US (62/298,964) 2016-02-23

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[25] EN
[54] **LOCKING HAIR EXTENSION DEVICE**
[54] **VERROUILLAGE DE DISPOSITIF DE RALLONGE DE CHEVEUX**
[72] THOMAS, PHILLIP, US
[71] INFINITY GRIP LLC, US
[85] 2018-08-10
[86] 2017-01-05 (PCT/US2017/012371)
[87] (WO2017/123454)
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[30] US (15/226,851) 2016-08-02

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[51] **Int.Cl. A24F 47/00 (2006.01)**
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[54] **FLAVOUR DELIVERY DEVICE**
[54] **DISPOSITIF DE DISTRIBUTION D'AROME**
[72] SPENCER, ALFRED VINCENT, GB
[71] BRITISH AMERICAN TABACCO (INVESTMENTS) LIMITED, GB
[85] 2018-08-14
[86] 2017-02-13 (PCT/GB2017/050375)
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[30] GB (1602831.8) 2016-02-18

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[51] **Int.Cl. G05D 1/02 (2006.01) G06Q 10/08 (2012.01) B60P 3/06 (2006.01) B64C 39/02 (2006.01) B64D 1/02 (2006.01) B64D 1/12 (2006.01)**
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[54] **CARGO DELIVERY APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE LIVRAISON DE CARGAISON**
[72] HIGH, DONALD R., US
[72] UNAHALEKHAKA, ATIKHUN, US
[71] WALMART APOLLO, LLC, US
[85] 2018-08-10
[86] 2017-02-14 (PCT/US2017/017762)
[87] (WO2017/142853)
[30] US (62/295,426) 2016-02-15

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[51] **Int.Cl. A61F 2/958 (2013.01)**
[25] EN
[54] **RAPID EXCHANGE SHEATHLESS PREDILATATION ANGIOPLASTY AND STENT DEPLOYMENT CATHETER**
[54] **CATHETER DE DEPLOIEMENT D'ENDOPROTHESE ET D'ANGIOPLASTIE A PREDILATATION SANS GAINE ET A REMPLACEMENT RAPIDE**
[72] MAJANO, ROMEO, US
[71] CLEVER CATH TECHNOLOGIES LLC, US
[85] 2018-08-14
[86] 2016-06-08 (PCT/US2016/036301)
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[30] US (15/045,833) 2016-02-17

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[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/62 (2006.01) E21B 43/17 (2006.01)**
[25] EN
[54] **USE OF NANOPARTICLES TO TREAT FRACTURE SURFACES**
[54] **UTILISATION DE NANOPARTICULES POUR TRAITER DES SURFACES DE FRACTURE**
[72] NGUYEN, PHILIP D., US
[72] OGLE, JAMES WILLIAM, US
[72] DUSTERHOFT, RONALD GLEN, US
[72] KHAMATNUROVA, TATYANA V., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-08-14
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[51] **Int.Cl. B63B 35/44 (2006.01)**
[25] EN
[54] **MULTI PURPOSE BOTTOM SUPPORTED MOBILE OFFSHORE SERVICE PLATFORM AND METHOD**
[54] **PLATEFORME DE SERVICE EN MER MOBILE SUPPORTEE PAR LE FOND A USAGE MULTIPLE ET PROCEDE ASSOCIE**
[72] DEUL, HANS H.J., US
[72] O'NEILL, PATRICK, US
[72] VAN KUILENBURG, ROBERT, US
[72] SIBREL, MATTHEW, US
[71] NOBLE DRILLING SERVICES INC., US
[85] 2018-08-13
[86] 2017-02-15 (PCT/US2017/017953)
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[30] US (62/295,549) 2016-02-16

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[25] EN
[54] **CUCURBITURIL COMPOSITIONS AND THEIR USE**
[54] **COMPOSITIONS DE CUCURBITURILE ET LEUR UTILISATION**
[72] COULSTON, ROGER, GB
[72] TANNER, ALEXANDER, GB
[72] MARTINEZ-SANTIAGO, JOSE, GB
[71] AQDOT LIMITED, GB
[85] 2018-08-14
[86] 2017-02-15 (PCT/GB2017/050394)
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[30] GB (1602665.0) 2016-02-15
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[54] **HAND TOOL WITH LANYARD ATTACHMENT LOOP**
[54] **OUTIL A MAIN AVEC BOUCLE DE FIXATION DE CORDON**
[72] MOREAU, DARRELL A., US
[72] MOREAU, ANDRE W., US
[72] MOREAU, REGINALD J., US
[71] TY-FLOT, INC., US
[85] 2018-08-14
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[54] **SYSTEMS AND METHODS FOR INTER-APP COMMUNICATIONS**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATIONS ENTRE DES APPLICATIONS**
[72] MORRIS, GARY A., US
[72] BELLIVEAU, SCOTT M., US
[72] CABRERA, ESTEBAN, JR., US
[72] DRAEGER, RIAN, US
[72] DUNN, LAURA J., US
[72] HAMPAPURAM, HARI, US
[72] HANNEMANN, CHRISTOPHER ROBERT, US
[72] KAMATH, APURV ULLAS, US
[72] KOEHLER, KATHERINE YERRE, US
[72] MCBRIDE, PATRICK WILE, US
[72] MENSINGER, MICHAEL ROBERT, US
[72] PASCUAL, FRANCIS WILLIAM, US
[72] PELLOUCHOUD, PHILIP MANSIEL, US
[72] POLYTARIDIS, NICHOLAS, US
[72] PUPA, PHILIP THOMAS, US
[72] DAVIS, ANNA LEIGH, US
[72] SHOEMAKER, KEVIN, US
[72] SMITH, BRIAN CHRISTOPHER, US
[72] WEST, BENJAMIN ELROD, US
[72] WILEY, ATHM JOSEPH, US
[72] GOLDSMITH, TIMOTHY JOSEPH, US
[71] DEXCOM, INC., US
[85] 2018-08-13
[86] 2017-03-30 (PCT/US2017/025170)
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[25] EN
[54] **DIET QUALITY PHOTO NAVIGATION**
[54] **PILOTAGE PHOTOGRAPHIQUE POUR LA QUALITE D'UN REGIME ALIMENTAIRE**
[72] KATZ, DAVID L., US
[71] KATZ, DAVID L., US
[85] 2018-08-14
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[87] (WO2017/142701)
[30] US (62/297,344) 2016-02-19
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[25] EN
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[54] **TECHNIQUES DE COMMUNICATION DANS UN INTERVALLE DE TEMPS PILOTE ETENDU DE LIAISON MONTANTE**
[72] CHEN, WANSHI, US
[72] GAAL, PETER, US
[72] XU, HAO, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-14
[86] 2017-02-03 (PCT/US2017/016507)
[87] (WO2017/160418)
[30] US (62/310,634) 2016-03-18
[30] US (15/405,081) 2017-01-12

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[51] **Int.Cl. A61B 6/00 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CHARACTERIZING A CENTRAL AXIS OF A BONE FROM A 3D ANATOMICAL IMAGE**
[54] **SYSTEME ET PROCEDES DE CARACTERISATION D'UN AXE CENTRAL D'UN OS A PARTIR D'UNE IMAGE ANATOMIQUE EN 3D**
[72] BEHROOZ, ALI, US
[72] KEMPNER, JOSHUA, US
[71] PERKINELMER HEALTH SCIENCES, INC., US
[85] 2018-08-14
[86] 2016-03-25 (PCT/US2016/024372)
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[51] **Int.Cl. F16H 61/28 (2006.01) F16H 63/50 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING THE DECLUTCHING OF A SLIDING GEAR**
[54] **PROCEDE DE CONTROLE DU DECRABOTAGE D'UN BALADEUR**
[72] MERIENNE, LUDOVIC, FR
[72] KVIESKA, PEDRO, FR
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-08-10
[86] 2017-01-04 (PCT/FR2017/050008)
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[51] **Int.Cl. B65F 1/14 (2006.01) G06Q 10/08 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REORDERING OF DISCARDED PRODUCTS**
[54] **SYSTEMES ET PROCEDES DE REAPPROVISIONNEMENT DE PRODUITS REJETES**
[72] THOMPSON, JOHN P., US
[72] HIGH, DONALD R., US
[72] ATCHLEY, MICHAEL D., US
[71] WALMART APOLLO, LLC, US
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[86] 2017-02-08 (PCT/US2017/017003)
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[51] **Int.Cl. C08L 25/06 (2006.01) C08L 53/02 (2006.01) D01F 6/28 (2006.01)**
[25] EN
[54] **FIBER FORMING COMPOSITIONS, FIBERS AND METHODS FOR PRODUCTION**
[54] **COMPOSITIONS DE FORMATION DE FIBRES, FIBRES ET PROCEDES DE PRODUCTION**
[72] BAHL, KUSHAL, US
[72] WORLEY, DARNELL C., US
[72] LATULIPPE, CHRIS, US
[71] TEKNOR APEX COMPANY, US
[85] 2018-08-14
[86] 2017-02-17 (PCT/US2017/018338)
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[51] **Int.Cl. A61K 39/12 (2006.01) C12N 7/00 (2006.01)**
[25] EN
[54] **PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VACCINE VIRUS**
[54] **VIRUS DE VACCIN CONTRE LE SYNDROME REPRODUCTEUR ET RESPIRATOIRE PORCIN**
[72] FANG, YING, US
[72] WU, STEPHEN, US
[71] ELANCO US INC., US
[85] 2018-08-14
[86] 2017-02-10 (PCT/US2017/017290)
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[30] US (62/296,658) 2016-02-18

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[51] **Int.Cl. A61K 31/202 (2006.01)**
[25] EN
[54] **WATER SOLUBLE LIPOPHILIC MATERIALS**
[54] **MATERIAUX LIPOPHILES HYDROSOLUBLES**
[72] DE SOUSA MARTINS, DIOGO, BR
[71] KEMIN INDUSTRIES, INC., US
[85] 2018-08-14
[86] 2017-02-13 (PCT/US2017/017646)
[87] (WO2017/142834)
[30] US (62/295,258) 2016-02-15

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[51] **Int.Cl. G01N 35/00 (2006.01) G01N 35/04 (2006.01) G01N 35/10 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **AUTOMATED SAMPLE PREPARATION SYSTEM FOR DIAGNOSTIC TESTING OF SAME**
[54] **SYSTEME DE PREPARATION D'ECHANTILLONS AUTOMATISE A DES FINS DE TESTS DIAGNOSTIQUES**
[72] VANSICKLER, MICHAEL T., US
[72] BAILEY, KEVIN, US
[72] TESLUK, CHRISTOPHER JOHN, US
[72] LIVINGSTON, DWIGHT, US
[72] ROTUNDO, STEVEN C., US
[72] LACHANCE, STEPHEN ROBERT, US
[72] TOUMA, MICHAEL J., US
[72] MCKEEN, BRIAN JAMES, US
[72] SEVIGNY, GERARD, US
[71] BECTON, DICKINSON AND COMPANY, US
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[86] 2017-02-17 (PCT/US2017/018358)
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[30] US (62/296,349) 2016-02-17
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[51] **Int.Cl. A61K 9/14 (2006.01) A61K 31/192 (2006.01)**
[25] EN
[54] **NEW COMPOSITIONS**
[54] **NOUVELLES COMPOSITIONS**
[72] MIHRANYAN, ALBERT, SE
[71] MIHRANYAN, ALBERT, SE
[85] 2018-08-10
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[51] **Int.Cl. D06M 23/06 (2006.01) C03C 25/10 (2018.01) D06M 23/08 (2006.01) D06M 23/10 (2006.01) F41H 1/02 (2006.01)**
[25] EN
[54] **ENHANCED FABRIC**
[54] **TISSU AMELIORE**
[72] LESTER, EDWARD, GB
[72] GIMENO-FABRA, MIQUEL, GB
[71] THE UNIVERSITY OF NOTTINGHAM, GB
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[51] **Int.Cl. C22B 26/12 (2006.01) C22B 3/08 (2006.01)**
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[54] **LITHIUM RECOVERY FROM PHOSPHATE MINERALS**
[54] **RECUPERATION DE LITHIUM A PARTIR DE MINERAUX DE PHOSPHATE**
[72] JOHNSON, GARY DONALD, AU
[72] URBANI, MARK DANIEL, AU
[72] VINES, NICHOLAS JOHN, AU
[71] LI-TECHNOLOGY PTY LTD, AU
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[72] SONDEREGGER, RALPH L., US
[72] BURKHOLZ, JONATHAN KARL, US
[72] HARDING, WESTON F., US
[72] HU, OLIVIA, CN
[72] PETERSON, BART D., US
[71] BECTON, DICKINSON AND COMPANY, US
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[86] 2016-10-06 (PCT/US2016/055847)
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[30] US (62/296,390) 2016-02-17
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[51] **Int.Cl. A23J 1/14 (2006.01)**
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[54] **FUNCTIONAL MUNG BEAN-DERIVED COMPOSITIONS**
[54] **ISOLATS DE PROTEINE DE HARICOT MUNGO**
[72] BANSAL-MUTALIK, RITU, US
[72] BHIDE, SIDDHARTH, US
[72] GIBSON, BRENNA, US
[72] HALL, CAMILLA, US
[72] JAKUBASCH, MALGORZATA, US
[72] KLEINER, JAKE, US
[72] LANQUAR, VIVIANE, US
[72] MAHADEVAN, SWETHA, US
[72] NIEKOWAL, TREVOR, US
[72] PROULX, JADE, US
[72] ROCHE, BEN, US
[72] XU, MENG, US
[72] FLATT, JAMES, US
[72] PARK, NATHANIEL, US
[71] JUST, INC., US
[85] 2018-08-14
[86] 2017-02-17 (PCT/US2017/018519)
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[30] US (62/297,788) 2016-02-19
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[25] EN
[54] **CODE AND CONTAINER OF SYSTEM FOR PREPARING A BEVERAGE OR FOODSTUFF**
[54] **CODE ET CONTENANT D'UN SYSTEME POUR PREPARER UNE BOISSON OU UN PRODUIT ALIMENTAIRE**
[72] NOTH, ANDRE, CH
[72] JARISCH, CHRISTIAN, CH
[71] NESTEC S.A., CH
[85] 2018-08-10
[86] 2017-02-23 (PCT/EP2017/054157)
[87] (WO2017/144582)
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[25] EN
[54] **WIPER ADAPTER AND WIPER ASSEMBLY INCORPORATING THE SAME**
[54] **ADAPTATEUR D'ESSUIE-GLACE ET ENSEMBLE D'ESSUIE-GLACE INCORPORANT CELUI-CI**
[72] MCGEE, ALEXANDER, US
[72] POLOCOSER, MITICA, US
[72] AVASILOAIE, VALENTIN, US
[72] MOLL, KYLE, US
[71] TRICO PRODUCTS CORPORATION, US
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[25] EN
[54] **EXCISION OF RETROVIRAL NUCLEIC ACID SEQUENCES**
[54] **EXCISION DE SEQUENCES D'ACIDES NUCLEIQUES RETROVIRALES**
[72] KHALILI, KAMEL, US
[72] HU, WENHUI, US
[71] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2018-08-14
[86] 2017-02-13 (PCT/US2017/017652)
[87] (WO2017/142835)
[30] US (62/295,390) 2016-02-15
[30] US (62/298,722) 2016-02-23
[30] US (62/337,994) 2016-05-18
[30] US (62/345,520) 2016-06-03
[30] US (62/363,625) 2016-07-18
[30] US (62/410,496) 2016-10-20

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[51] **Int.Cl. G06N 3/04 (2006.01)**
[25] EN
[54] **RECURRENT NETWORKS WITH MOTION-BASED ATTENTION FOR VIDEO UNDERSTANDING**
[54] **RESEAUX RECURRENTS AVEC ATTENTION BASEE SUR LE MOUVEMENT POUR COMPREHENSION VIDEO**
[72] LI, ZHENYANG, US
[72] GAVVES, EFSTRATIOS, US
[72] JAIN, MIHIR, US
[72] SNOEK, CORNELIS GERARDUS MARIA, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-14
[86] 2017-02-09 (PCT/US2017/017192)
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[30] US (62/306,972) 2016-03-11
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[25] EN
[54] **TREATMENT METHOD OF RADIOACTIVE IODINE-CONTAINING FLUID**
[54] **PROCEDE POUR TRAITER UN FLUIDE CONTENANT DE L'IODE RADIOACTIF**
[72] SAKUMA, TAKASHI, JP
[72] KOMATSU, MAKOTO, JP
[72] IZUMI, TAKESHI, JP
[72] TOKUNAGA, KEISUKE, JP
[72] HIRANO, SHIGERU, JP
[71] EBARA CORPORATION, JP
[71] TOSOH CORPORATION, JP
[85] 2018-08-14
[86] 2017-02-23 (PCT/JP2017/006750)
[87] (WO2017/146130)
[30] JP (2016-035352) 2016-02-26

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[25] EN
[54] **INFUSION SET AND INSERTER ASSEMBLY**
[54] **ENSEMBLE DE PERFUSION ET ENSEMBLE D'INSERTION**
[72] KAMEN, DEAN, US
[72] DEMERS, JASON A., US
[72] LANIGAN, RICHARD J., US
[72] MOREAU, TIMOTHY D., US
[72] TRACEY, BRIAN D., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[85] 2018-08-14
[86] 2017-02-16 (PCT/US2017/018176)
[87] (WO2017/146988)
[30] US (62/295,805) 2016-02-16

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[51] **Int.Cl. C12N 7/00 (2006.01) C07K 14/005 (2006.01) C12N 15/10 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **NOVEL RECOMBINANT ADENO-ASSOCIATED VIRUS CAPSIDS RESISTANT TO PRE-EXISTING HUMAN NEUTRALIZING ANTIBODIES**
[54] **NOUVEAUX CAPSIDES DE VIRUS ADENO-ASSOCIES DE RECOMBINAISON RESISTANTS A DES ANTICORPS NEUTRALISANTS HUMAINS PRE-EXISTANTS**
[72] KAY, MARK A., US
[72] PAULK, NICOLE K., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANDFORD JUNIOR UNIVERSITY, US
[85] 2018-08-14
[86] 2017-02-16 (PCT/US2017/018226)
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[30] US (62/296,046) 2016-02-16

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[25] EN
[54] **THERMOPLASTIC BONDED PREFORMS AND THERMOSET MATRICES FORMED THEREWITH**
[54] **PREFORMES COLLEES THERMOPLASTIQUES ET MATRICES THERMODURCIES AINSI FORMEES**
[72] JANNEY, MARK, US
[72] MAUHAR, MARK, US
[71] CARBON CONVERSIONS, INC., US
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[87] (WO2017/142868)
[30] US (62/297,368) 2016-02-19
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[54] **CIRCUMFERENTIAL MATRIX SYSTEM**
[54] **SYSTEME DE MATRICE CIRCONFERENTIELLE**
[72] NICHOLSON, PETER JOHN, NZ
[71] DENTSPLY SIRONA INC., US
[85] 2018-08-14
[86] 2017-02-23 (PCT/US2017/019009)
[87] (WO2017/147226)
[30] US (62/298,686) 2016-02-23
[30] US (62/410,975) 2016-10-21

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[25] EN
[54] **PASTE BASED LUBRICATING SYSTEM**
[54] **SYSTEME DE LUBRIFIANT A BASE DE PATE**
[72] STRAITIFF, DONALD GRAHAM, US
[72] CLARK, BARRY ALLAN, US
[72] LAWSON, LAWRENCE J., US
[72] HICKS, JOSHUA JAMES, US
[72] REECE, ROBERT, US
[72] LARSON, DAVID HENRY, US
[71] ANDROID INDUSTRIES LLC, US
[85] 2018-08-14
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[87] (WO2017/142865)
[30] US (15/046,221) 2016-02-17

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[51] **Int.Cl. A61N 1/05 (2006.01) A61B 5/04 (2006.01) A61N 1/36 (2006.01) A61N 1/372 (2006.01)**
[25] EN
[54] **METHOD OF PROVIDING AN IMPLANTATION SITE IN SOFT TISSUE**
[54] **PROCEDE DE FOURNITURE D'UN SITE D'IMPLANTATION DANS UN TISSU MOU**
[72] SCHOUENBORG, JENS, SE
[71] NEURONANO AB, SE
[85] 2018-08-09
[86] 2017-02-23 (PCT/SE2017/000013)
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[30] SE (1600069-7) 2016-02-26

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[51] **Int.Cl. C07D 495/14 (2006.01) A61K 31/553 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 498/04 (2006.01) C07D 498/14 (2006.01)**
[25] EN
[54] **FUSED 1,4-OXAZEPINES AND RELATED ANALOGS AS BET BROMODOMAIN INHIBITORS**
[54] **1,4-OXAZEPINES CONDENSEES ET LEURS ANALOGUES ASSOCIES EN TANT QU'INHIBITEURS DE BROMODOMAINE BET**
[72] WANG, SHAOMENG, US
[72] ZHOU, BING, CN
[72] HU, YANG, US
[72] YANG, CHAO-YIE, US
[72] QIN, CHONG, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2018-08-14
[86] 2017-02-15 (PCT/US2017/017848)
[87] (WO2017/142881)
[30] US (62/295,271) 2016-02-15
[30] US (62/393,897) 2016-09-13

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[51] **Int.Cl. A01K 67/027 (2006.01) C12N 9/64 (2006.01)**
[25] EN
[54] **RODENTS HAVING A HUMANIZED TMPRSS GENE**
[54] **RONGEURS AYANT UN GENE TMPRSS HUMANISE**
[72] PURCELL NGAMBO, LISA, US
[72] MUJICA, ALEXANDER O., US
[72] TANG, YAJUN, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-08-14
[86] 2017-02-27 (PCT/US2017/019574)
[87] (WO2017/151453)
[30] US (62/301,023) 2016-02-29

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[25] EN
[54] **SYSTEM AND METHOD TO PREPARE NITROGEN INFUSED BEVERAGES**
[54] **SYSTEME ET PROCEDE POUR PREPARER DES BOISSONS A INFUSION D'AZOTE**
[72] KLEINRICHERT, CHARLES, US
[71] AUTOMATIC BAR CONTROLS, INC., US
[85] 2018-08-14
[86] 2017-02-24 (PCT/US2017/019432)
[87] (WO2017/147474)
[30] US (62/299,608) 2016-02-25
[30] US (15/190,801) 2016-06-23

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[51] **Int.Cl. H02J 1/10 (2006.01) G05F 3/08 (2006.01) H02J 3/38 (2006.01) H02J 7/35 (2006.01)**
[25] EN
[54] **COMBINATION WIND/SOLAR DC POWER SYSTEM**
[54] **COMBINAISON DE SYSTEME D'ALIMENTATION EN CC SOLAIRE/EOLIEN**
[72] MAUG, JAMES A., US
[72] FIELDS, JAMES P., US
[71] PITT-OHIO EXPRESS LLC, US
[85] 2018-08-14
[86] 2017-02-15 (PCT/US2017/017905)
[87] (WO2017/142905)
[30] US (62/295,349) 2016-02-15

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[51] **Int.Cl. G06Q 20/00 (2012.01) G06Q 20/04 (2012.01) G06Q 20/06 (2012.01) G06Q 20/08 (2012.01) G06Q 20/10 (2012.01) G06Q 20/16 (2012.01)**
[25] EN
[54] **BATTERYLESS PAYMENT DEVICE WITH WIRELESSLY POWERED TOKEN PROVISIONING**
[54] **DISPOSITIF DE PAIEMENT SANS BATTERIE AVEC FOURNITURE DE JETONS A ALIMENTATION SANS FIL**
[72] DOUGLAS, LAWRENCE, US
[72] MORETON, PAUL Y., US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2018-08-14
[86] 2017-02-27 (PCT/US2017/019696)
[87] (WO2017/151506)
[30] US (62/300,954) 2016-02-29

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[51] **Int.Cl. A61K 38/16 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **MODULATION OF HYPOXIA ASSOCIATED WITH STROKE**
[54] **MODULATION DE L'HYPOXIE ASSOCIEE A UN ACCIDENT VASCULAIRE CEREBRAL**
[72] LE MOAN, NATACHA, US
[72] KRTOLICA, ANA, US
[72] LEUNG, PHILBERTA, US
[72] CARY, STEPHEN P.L., US
[71] OMNIOX, INC., US
[85] 2018-08-14
[86] 2017-02-16 (PCT/US2017/018233)
[87] (WO2017/143104)
[30] US (62/296,009) 2016-02-16

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[25] EN
[54] **METHODS AND SYSTEMS FOR EVALUATING TUMOR MUTATIONAL BURDEN**
[54] **PROCEDES ET SYSTEMES PERMETTANT D'EVALUER LA CHARGE MUTATIONNELLE D'UNE TUMEUR**
[72] FRAMPTON, GARRETT MICHAEL, US
[72] YELENSKY, ROMAN, US
[72] SUN, JAMES XIN, US
[72] HEGDE, PRITI, US
[72] KOWANETZ, MARCIN, US
[72] CONNELLY, CAITLIN F., US
[72] STEPHENS, PHILIP J., US
[72] CHALMERS, ZACHARY R., US
[72] FABRIZIO, DAVID, US
[71] GENENTECH, INC., US
[71] FOUNDATION MEDICINE, INC., US
[85] 2018-08-14
[86] 2017-02-27 (PCT/US2017/019763)
[87] (WO2017/151524)
[30] US (62/301,534) 2016-02-29

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[51] **Int.Cl. G06F 3/041 (2006.01) G06F 3/0354 (2013.01) G06F 3/044 (2006.01)**
[25] EN
[54] **SOFT TOUCH DETECTION OF A STYLUS**
[54] **DETECTION DE TOUCHER DOUX D'UN STYLET**
[72] WINEBRAND, AMIL, US
[72] ORLOVSKY, MICHAEL, US
[72] BIRENBERG, DMITRY, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2018-08-14
[86] 2017-02-28 (PCT/US2017/019794)
[87] (WO2017/155723)
[30] US (15/062,127) 2016-03-06

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[51] **Int.Cl. G01C 21/00 (2006.01) G01C 21/34 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **EARLY NOTIFICATION OF NON-AUTONOMOUS AREA**
[54] **NOTIFICATION PRECOCE DE ZONE NON AUTONOME**
[72] KUMAR, SURENDER, US
[72] GIBSON, TIMOTHY W., US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2018-08-14
[86] 2017-02-15 (PCT/US2017/017942)
[87] (WO2017/142931)
[30] US (62/295,388) 2016-02-15

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[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **REUSABLE MEDICATION DELIVERY DEVICE WITH REMAINING MEDICATION DETERMINATION CAPABILITY**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT, REUTILISABLE, DOTE D'UNE CAPACITE DE DETERMINATION DE MEDICAMENT RESTANT**
[72] BYERLY, ROY H., US
[72] PERKINS, RUSSELL W., US
[72] SARDO, GIORGIO M., US
[71] ELI LILLY AND COMPANY, US
[85] 2018-08-14
[86] 2017-02-21 (PCT/US2017/018632)
[87] (WO2017/147039)
[30] US (62/300,199) 2016-02-26

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[54] **ACCIDENT CALCULUS**
[54] **CALCUL D'ACCIDENT**
[72] CHINTAKINDI, SUNIL, US
[72] MADIGAN, REGINA, US
[72] SLUSAR, MARK V., US
[72] GIBSON, TIMOTHY W., US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2018-08-14
[86] 2017-02-15 (PCT/US2017/017923)
[87] (WO2017/142917)
[30] US (62/295,300) 2016-02-15

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[13] A1
[51] **Int.Cl. A61K 31/427 (2006.01) A61K 31/428 (2006.01) A61K 31/5377 (2006.01)**
[25] EN
[54] **METHODS FOR CONTROLLED PROLIFERATION OF STEM CELLS / GENERATING INNER EAR HAIR CELLS USING GSK-3-ALPHA INHIBITORS**
[54] **METHODES DE REGULATION DE LA PROLIFERATION DE CELLULES SOUCHES / DE LA GENERATION DE CELLULES AUDITIVES DE L'OREILLE INTERNE A L'AIDE D'INHIBITEURS DE LA GSK-3-ALPHA**
[72] LOOSE, CHRISTOPHER, US
[72] MCLEAN, WILL, US
[72] HARRISON, MEGAN, US
[71] FREQUENCY THERAPEUTICS, INC., US
[85] 2018-08-14
[86] 2017-03-02 (PCT/US2017/020434)
[87] (WO2017/151907)
[30] US (62/302,803) 2016-03-02
[30] US (62/303,099) 2016-03-03

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[51] **Int.Cl. G01C 21/34 (2006.01) G01C 21/00 (2006.01) G01C 21/36 (2006.01)**
[25] EN
[54] **REAL TIME RISK ASSESSMENT AND OPERATIONAL CHANGES WITH SEMI-AUTONOMOUS VEHICLES**
[54] **EVALUATION DES RISQUES EN TEMPS REEL ET CHANGEMENTS OPERATIONNELS AVEC DES VEHICULES SEMI-AUTONOMES**
[72] GIBSON, TIMOTHY W., US
[72] KUMAR, SURENDER, US
[72] MADIGAN, REGINA, US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2018-08-14
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[87] (WO2017/142935)
[30] US (62/295,385) 2016-02-15

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[51] **Int.Cl. E05B 73/00 (2006.01) E05B 67/08 (2006.01)**
[25] EN
[54] **SECURITY APPARATUS FOR PORTABLE ELECTRONIC DEVICE**
[54] **APPAREIL DE SECURITE POUR DISPOSITIF ELECTRONIQUE PORTABLE**
[72] KAO, JAMES, US
[72] KLINKMAN, ALEX J., US
[72] TERESI, JOSEPH A., US
[72] TSE, WILSON, CA
[72] OTSUKA, MIKE, US
[72] DE MEULENAERE, WILLIAM, US
[71] ACCO BRANDS CORPORATION, US
[85] 2018-08-14
[86] 2017-02-21 (PCT/US2017/018698)
[87] (WO2017/147065)
[30] US (62/299,848) 2016-02-25

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[13] A1
[51] **Int.Cl. A61K 35/12 (2015.01) C12N 5/07 (2010.01)**
[25] EN
[54] **METHODS FOR CONTROLLED PROLIFERATION OF VESTIBULAR STEM CELLS / GENERATING INNER EAR HAIR CELLS USING WNT AND TGF-BETA INHIBITION**
[54] **PROCEDES DE PROLIFERATION CONTROLEE DE CELLULES SOUCHES VESTIBULAIRES/DE PRODUCTION DE CELLULES CILIEES DE L'OREILLE INTERNE A L'AIDE DE L'INHIBITION DE WNT ET DE TGF-BETA**
[72] MCLEAN, WILL, US
[71] FREQUENCY THERAPEUTICS, INC., US
[85] 2018-08-14
[86] 2017-03-02 (PCT/US2017/020437)
[87] (WO2017/151909)
[30] US (62/302,799) 2016-03-02
[30] US (62/303,035) 2016-03-03

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[51] **Int.Cl. G01N 27/90 (2006.01)**
[25] EN
[54] **EDDY CURRENT INSPECTION PROBE**
[54] **SONDE DE CONTROLE A COURANT DE FOUCAULT**
[72] WEKELL, WILLIAM O., US
[71] ZETEC, INC., US
[85] 2018-08-14
[86] 2017-02-17 (PCT/US2017/018311)
[87] (WO2017/143147)
[30] US (62/297,330) 2016-02-19

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[51] **Int.Cl. A23J 1/14 (2006.01)**
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[54] **FUNCTIONAL ADZUKI BEAN-DERIVED COMPOSITIONS**
[54] **COMPOSITIONS FONCTIONNELLES DERIVEES DE HARICOT ADZUKI**
[72] BANSAL-MUTALIK, RITU, US
[72] BHIDE, SIDDHARTH, US
[72] GIBSON, BRENNA, US
[72] HALL, CAMILLA, US
[72] JAKUBASCH, MALGORZATA, US
[72] KLEINER, JAKE, US
[72] LANQUAR, VIVIANE, US
[72] MAHADEVAN, SWETHA, US
[72] NIEKOWAL, TREVOR, US
[72] PROULX, JADE, US
[72] ROCHE, BEN, US
[72] XU, MENG, US
[72] FLATT, JAMES, US
[71] JUST, INC., US
[85] 2018-08-14
[86] 2017-02-17 (PCT/US2017/018523)
[87] (WO2017/143301)
[30] US (62/297,788) 2016-02-19
[30] US (62/440,723) 2016-12-30

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[51] **Int.Cl. G01V 1/20 (2006.01) B63B 22/18 (2006.01) B63G 8/24 (2006.01) G01V 1/38 (2006.01)**
[25] EN
[54] **VARIABLE BUOYANCY CONTROL AND RECOVERY SYSTEM FOR SEISMIC DATA ACQUISITION**
[54] **SYSTEME DE RECUPERATION ET DE COMMANDE A FLOTTABILITE VARIABLE POUR L'ACQUISITION DE DONNEES SISMIQUES**
[72] OLIVIER, ANDRE W., US
[71] ION GEOPHYSICAL CORPORATION, US
[85] 2018-08-14
[86] 2017-02-27 (PCT/US2017/019671)
[87] (WO2017/147577)
[30] US (62/300,408) 2016-02-26

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[51] **Int.Cl. H02K 7/12 (2006.01) B65G 13/06 (2006.01) B65G 13/075 (2006.01) B65G 23/08 (2006.01) F16H 15/50 (2006.01) F16H 25/12 (2006.01)**
[25] EN
[54] **HIGH TORQUE DENSITY ELECTRIC MOTOR / GENERATOR WITH ROLLING ELEMENT**
[54] **GENERATEUR / MOTEUR ELECTRIQUE A HAUTE DENSITE DE COUPLE AYANT UN ELEMENT ROULANT**
[72] RUBIN, MATTHEW J., US
[71] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
[85] 2018-08-14
[86] 2017-02-15 (PCT/US2017/017959)
[87] (WO2017/142940)
[30] US (62/295,259) 2016-02-15
[30] US (62/454,334) 2017-02-03

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[51] **Int.Cl. A61K 31/7088 (2006.01) A61K 31/5575 (2006.01) A61K 35/34 (2015.01) A61K 39/395 (2006.01) A61P 21/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MUSCLE REGENERATION USING PROSTAGLANDIN E2**
[54] **COMPOSITIONS ET METHODES DE REGENERATION MUSCULAIRE A L'AIDE DE LA PROSTAGLANDINE E2**
[72] BLAU, HELEN M., US
[72] HO, ANDREW TRI VAN, US
[72] PALLA, ADELAIDA R., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANDFORD JUNIOR UNIVERSITY, US
[85] 2018-08-14
[86] 2017-03-03 (PCT/US2017/020650)
[87] (WO2017/152044)
[30] US (62/303,979) 2016-03-04
[30] US (62/348,116) 2016-06-09

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[13] A1
[51] **Int.Cl. G01S 17/00 (2006.01) G06F 17/00 (2006.01) G06F 17/50 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING AN ENERGY MODEL AND TRACKING EVOLUTION OF AN ENERGY MODEL**
[54] **SYSTEMES ET PROCEDES POUR GENERER UN MODELE D'ENERGIE ET SUIVRE L'EVOLUTION D'UN MODELE D'ENERGIE**
[72] STERK, TRISTAN D'ESTREE, US
[71] FORMSOLVER, LLC, US
[85] 2018-08-14
[86] 2017-02-15 (PCT/US2017/017969)
[87] (WO2017/142945)
[30] US (62/295,412) 2016-02-15

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/4439 (2006.01) A61P 25/28 (2006.01) C07D 401/10 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY**
[54] **THERAPIE COMBINEE**
[72] DEMATTOS, RONALD B., US
[72] MAY, PATRICK CORNELIOUS, US
[72] SIMS, JOHN R., US
[71] ELI LILLY AND COMPANY, US
[85] 2018-08-14
[86] 2017-03-10 (PCT/US2017/021753)
[87] (WO2017/160622)
[30] US (62/308,369) 2016-03-15

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[51] **Int.Cl. G06F 17/30 (2006.01) G06T 7/73 (2017.01) G06K 9/20 (2006.01)**
[25] EN
[54] **IMAGE FEATURE COMBINATION FOR IMAGE-BASED OBJECT RECOGNITION**
[54] **ASSOCIATION DE CARACTERISTIQUES D'IMAGES DESTINEE A LA RECONNAISSANCE D'OBJET A BASE D'IMAGE**
[72] SONG, BING, US
[72] LIN, LIWEN, US
[71] NANT HOLDINGS IP, LLC, US
[85] 2018-08-14
[86] 2017-03-07 (PCT/US2017/021220)
[87] (WO2017/156043)
[30] US (62/305,525) 2016-03-08

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[51] **Int.Cl. C12N 15/79 (2006.01) C12N 15/113 (2010.01) C07H 21/02 (2006.01) C12N 15/10 (2006.01) C12N 15/11 (2006.01) C12N 15/85 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **AAV VECTORS FOR TREATMENT OF DOMINANT RETINITIS PIGMENTOSA**
[54] **VECTEURS AAV POUR LE TRAITEMENT DE LA RETINITE PIGMENTAIRE DOMINANTE**
[72] LEWIN, ALFRED S., US
[72] HAUSWIRTH, WILLIAM W., US
[72] MASSENGILL, MICHAEL T., US
[72] BELTRAN, WILLIAM, US
[72] AGUIRRE, GUSTAVO D., US
[72] CIDECIYAN, ARTUR, US
[72] JACOBSON, SAMUEL, US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2018-08-14
[86] 2017-03-01 (PCT/US2017/020289)
[87] (WO2017/151823)
[30] US (62/302,122) 2016-03-01
[30] US (62/398,451) 2016-09-22

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[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01)**
[25] EN
[54] **TRIGGER ASSEMBLY FOR AUTOMATIC MEDICATION INJECTION DEVICE**
[54] **ENSEMBLE DECLENCHEUR POUR DISPOSITIF D'INJECTION AUTOMATIQUE DE MEDICAMENT**
[72] GONZALEZ, NICOLE TAYLOR, US
[72] MUSSELMAN, GREGORY ALAN, US
[72] NELSON, LISA JEANNE, US
[71] ELI LILLY AND COMPANY, US
[85] 2018-08-14
[86] 2017-03-10 (PCT/US2017/021776)
[87] (WO2017/160626)
[30] US (62/309,005) 2016-03-16

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[13] A1
[51] **Int.Cl. A61F 13/511 (2006.01) A61F 13/15 (2006.01) A61F 13/512 (2006.01) A61F 13/514 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLES**
[54] **ARTICLES ABSORBANTS**
[72] HAMMONS, JOHN LEE, US
[72] ARORA, KELYN ANNE, US
[72] MOSS, STEPHANIE NIEZGODA, US
[72] AVILES, MISAEL OMAR, US
[72] ISELE, OLAF ERIK ALEXANDER, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-08-14
[86] 2017-03-09 (PCT/US2017/021483)
[87] (WO2017/156208)
[30] US (62/305,655) 2016-03-09

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[51] **Int.Cl. G01N 33/574 (2006.01) A61K 38/00 (2006.01) A61K 39/395 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS COMPRISING FIXED INTERMITTENT DOSING OF CEDIRANIB**
[54] **PROCEDES COMPRENANT UN DOSAGE INTERMITTENT ET FIXE DE CEDIRANIB**
[72] BARRY, SIMON, GB
[72] KENDREW, JANE, GB
[72] HO, TONY, US
[72] WEDGE, STEPHEN ROBERT, GB
[72] IVY, SUSAN PERCY, US
[72] KOHN, ELISE, US
[72] LEE, JUNG-MIN, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[71] ASTRAZENECA AB, SE
[85] 2018-08-14
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[54] **AUDIO PROCESSING FOR TEMPORALLY MISMATCHED SIGNALS**
[54] **TRAITEMENT AUDIO POUR SIGNAUX A DECALAGE TEMPOREL**
[72] ATTI, VENKATRAMAN S., US
[72] CHEBIYYAM, VENKATA SUBRAHMANYAM CHANDRA SEKHAR, US
[72] SINDER, DANIEL JARED, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-14
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[87] (WO2017/161309)
[30] US (62/310,611) 2016-03-18
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[25] EN
[54] **AUDIO SIGNAL DECODING**
[54] **DECODAGE DE SIGNAL AUDIO**
[72] ATTI, VENKATRAMAN S., US
[72] CHEBIYYAM, VENKATA SUBRAHMANYAM CHANDRA SEKHAR, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-14
[86] 2017-03-17 (PCT/US2017/023032)
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[30] US (62/310,626) 2016-03-18
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[51] **Int.Cl. H04L 1/00 (2006.01) H04W 28/02 (2009.01)**
[25] EN
[54] **SYSTEM, METHODS, AND APPARATUSES FOR MANAGING DATA RATE FOR CONTROL PLANE OPTIMIZATION**
[54] **SYSTEME, PROCEDES ET APPAREIL DE GESTION DE DEBIT DE DONNEES POUR UNE OPTIMISATION DE PLAN DE REGULATION**
[72] RONNEKE, HANS BERTIL, SE
[72] HEDMAN, PETER, SE
[72] OLSSON, LARS-BERTIL, SE
[72] SCHLIWA-BERTLING, PAUL, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-08-15
[86] 2016-11-01 (PCT/EP2016/076290)
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[25] EN
[54] **SYSTEMS, DEVICES AND METHODS FOR ANALYTE MONITORING SYSTEM**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR UN SYSTEME DE SURVEILLANCE D'UN ANALYTE**
[72] BURNETTE, DOUGLAS WILLIAM, US
[72] HAMPAPURAM, HARI, US
[72] KAMATH, APURV ULLAS, US
[72] LARVENZ, SHAWN, US
[72] MANDAPAKA, ADITYA, US
[72] MCDANIEL, ZEBEDIAH, US
[72] MILLER, TOM, US
[72] WEDEKIND, JEFFREY R., US
[72] ZENG, YONGHUANG, US
[72] REICHERT, STEPHEN ALAN, US
[71] DEXCOM, INC., US
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[86] 2017-03-17 (PCT/US2017/023081)
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[30] US (62/315,539) 2016-03-30

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[51] **Int.Cl. G01R 31/327 (2006.01)**
[25] EN
[54] **TESTING DEVICE AND METHOD FOR TESTING A CONTROL UNIT OF A SWITCHING DEVICE OF A SWITCHGEAR INSTALLATION**
[54] **APPAREIL DE TEST ET PROCEDE POUR CONTROLER UNE UNITE DE COMMANDE D'UN DISPOSITIF DE COMMUTATION D'UN SYSTEME DE COMMUTATION**
[72] JOCHUM, MICHAEL, AT
[72] GEIGER, STEPHAN, AT
[72] KUNG, RAINER, AT
[71] OMICRON ELECTRONICS GMBH, AT
[85] 2018-08-15
[86] 2017-02-08 (PCT/EP2017/052718)
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[25] EN
[54] **COMBINATION THERAPY FOR TREATMENT OF OVARIAN CANCER**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DU CANCER DE L'OVAIRE**
[72] PROIA, DAVID, US
[71] SYNTA PHARMACEUTICALS CORP, US
[85] 2018-08-14
[86] 2017-02-28 (PCT/US2017/019843)
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[51] **Int.Cl. A61H 1/02 (2006.01)**
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[54] **FINGER MOTION RAIL, SUPPORT THEREFOR AND THERAPY DEVICE COMPRISING SAME AND OPERATING METHOD**
[54] **RAIL DE MOUVEMENT DE DOIGT, ELEMENT DE RETENUE POUR LEDIT RAIL ET APPAREIL DE THERAPIE COMPRENANT CE DERNIER ET PROCEDE DE FONCTIONNEMENT**
[72] LINDEMANN, PASCAL, DE
[71] LIME MEDICAL GMBH, DE
[85] 2018-08-15
[86] 2017-02-15 (PCT/DE2017/100116)
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[30] DE (20 2016 000 943.6) 2016-02-15
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[51] **Int.Cl. G01R 31/327 (2006.01)**
[25] EN
[54] **TEST DEVICE FOR TESTING A CONTROL UNIT OF A SWITCHING APPARATUS OF A SWITCHGEAR**
[54] **APPAREIL DE TEST POUR CONTROLER UNE UNITE DE COMMANDE D'UN DISPOSITIF DE COMMUTATION D'UN SYSTEME DE COMMUTATION**
[72] JOCHUM, MICHAEL, AT
[72] GEIGER, STEPHAN, AT
[72] KUNG, RAINER, AT
[71] OMICRON ELECTRONICS GMBH, AT
[85] 2018-08-15
[86] 2017-02-10 (PCT/EP2017/052961)
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[30] AT (A 50093/2016) 2016-02-15

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[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/09 (2006.01) C12N 15/64 (2006.01) C12N 15/66 (2006.01)**
[25] EN
[54] **CLOSED-ENDED LINEAR DUPLEX DNA FOR NON-VIRAL GENE TRANSFER**
[54] **ADN DOUBLE HELICE LINEAIRE A EXTREMITE FERMEE POUR TRANSFERT DE GENE NON VIRAL**
[72] KOTIN, ROBERT M., US
[72] CECCHINI, SYLVAIN, US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2018-08-14
[86] 2017-03-03 (PCT/US2017/020828)
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[25] EN
[54] **PROCESS FOR PREPARING HIGH-REACTIVITY ISOBUTENE HOMO- OR COPOLYMERS**
[54] **PROCEDE DE PREPARATION D'HOMOPOLYMERES OU DE COPOLYMERES D'ISOBUTENE HAUTEMENT REACTIFS**
[72] CORBERAN ROC, ROSA, DE
[72] MUEHLBACH, KLAUS, DE
[72] WETTLING, THOMAS, DE
[72] KOSTJUK, SERGEI V., BY
[72] VASILENKO, IRINA, BY
[72] SHIMAN, DMITRYI, BY
[71] BASF SE, DE
[85] 2018-08-15
[86] 2017-02-13 (PCT/EP2017/053096)
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[25] EN
[54] **PROCESS FOR PREPARING HIGH-REACTIVITY ISOBUTENE HOMO- OR COPOLYMERS**
[54] **PROCEDE DE PREPARATION DE D'HOMOPOLYMERES OU DE COPOLYMERES D'ISOBUTENE HAUTEMENT REACTIFS**
[72] CORBERAN ROC, ROSA, DE
[72] MUEHLBACH, KLAUS, DE
[72] WETTLING, THOMAS, DE
[72] KOSTJUK, SERGEI V., BY
[72] VASILENKO, IRINA, BY
[72] SHIMAN, DMITRYI, BY
[71] BASF SE, DE
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[25] EN
[54] **ESTOLIDES OF VEGETABLE OIL ALKOXYLATES AND METHODS OF MAKING AND USING**
[54] **ESTOLIDES D'ALCOXYLATES D'HUILE VEGETALE ET PROCEDES DE FABRICATION ET D'UTILISATION**
[72] BYRNE, HEATHER, US
[72] SMITH, GEORGE, US
[72] CHIU, HUNGCHANG CALVIN, US
[72] CELLURA, JEFFERY, US
[72] FANG, XIAOHUA, US
[72] RUBIO, ANABEL, US
[72] MEREDITH, MATTHEW T., US
[71] HUNTSMAN PETROCHEMICAL LLC, US
[85] 2018-08-14
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[51] **Int.Cl. C07D 403/06 (2006.01) A01N 43/54 (2006.01) C07D 239/96 (2006.01) C07D 413/06 (2006.01)**
[25] EN
[54] **QUINAZOLINEDIONE-6-CARBONYL DERIVATIVES AND THEIR USE AS HERBICIDES**
[54] **DERIVES DE QUINAZOLINDION-6-CARBONYLE ET LEUR UTILISATION COMME HERBICIDES**
[72] BRAUN, RALF, DE
[72] WALDRAFF, CHRISTIAN, DE
[72] MACHETTIRA, ANU BHEEMAIAH, DE
[72] DIETRICH, HANSJORG, DE
[72] GATZWEILER, ELMAR, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-08-15
[86] 2017-02-13 (PCT/EP2017/053121)
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[30] EP (16156346.5) 2016-02-18

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[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **UPLINK CHANNEL QUALITY MEASUREMENT USING A SUBFRAME WITH HIGH-INTENSITY REFERENCE SIGNAL BURSTS**
[54] **MESURE DE QUALITE DE CANAL DE LIAISON MONTANTE EN UTILISANT UNE SOUS-TRAME AVEC DES RAFALES DE SIGNAL DE REFERENCE A HAUTE INTENSITE**
[72] MANOLAKOS, ALEXANDROS, US
[72] JIANG, JING, US
[72] NAMGOONG, JUNE, US
[72] LUO, TAO, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] JI, TINGFANG, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-14
[86] 2017-03-21 (PCT/US2017/023459)
[87] (WO2017/165453)
[30] US (62/311,023) 2016-03-21
[30] US (15/251,904) 2016-08-30

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[51] **Int.Cl. B32B 7/10 (2006.01) B32B 27/08 (2006.01) B32B 27/30 (2006.01)**
[25] EN
[54] **MULTILAYER BARRIER FILM**
[54] **FILM BARRIERE MULTICOUCHE**
[72] PLANETA, MIROSLAV, CA
[72] TAMBER, HARINDER, CA
[71] MACRO TECHNOLOGY INC., CA
[85] 2018-08-15
[86] 2017-02-15 (PCT/CA2017/050194)
[87] (WO2017/139884)
[30] US (62/295,171) 2016-02-15

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[51] **Int.Cl. H02G 15/18 (2006.01)**
[25] EN
[54] **SLEEVE ASSEMBLY**
[54] **ENSEMBLE MANCHON**
[72] SOUCY, GENEVIEVE, CA
[72] HILLION, NICOLAS, CA
[71] CICAME ENERGIE INC., CA
[85] 2018-08-15
[86] 2017-03-21 (PCT/CA2017/050356)
[87] (WO2017/161448)
[30] US (62/311,096) 2016-03-21

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[25] EN
[54] **HINGE**
[54] **CHARNIERE**
[72] STUART, MICHAEL CHRISTOPHER, AU
[71] STUART, MICHAEL CHRISTOPHER, AU
[85] 2018-08-15
[86] 2017-02-16 (PCT/AU2017/050133)
[87] (WO2017/139844)
[30] AU (2016900547) 2016-02-17

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[51] **Int.Cl. E04B 1/94 (2006.01) E04B 2/88 (2006.01)**
[25] EN
[54] **THERMAL AND ACOUSTIC INSULATING AND SEALING MEANS FOR A SAFING SLOT IN A CURTAIN WALL**
[54] **MOYEN D'ETANCHEITE ET D'ISOLATION THERMIQUE ET ACOUSTIQUE POUR FENTE DE SURETE DANS UN MUR-RIDEAU**
[72] PAETOW, MARIO, DE
[72] FORG, CHRISTIAN, DE
[72] SIMON, SEBASTIAN, DE
[72] KLEIN, MANFRED, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-08-15
[86] 2017-04-12 (PCT/EP2017/058740)
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[51] **Int.Cl. A23L 33/18 (2016.01) A23L 15/00 (2016.01) A23L 33/155 (2016.01)**
[25] EN
[54] **COMPOSITION FOR THE PREVENTION OR TREATMENT OF NEURODEGENERATIVE DISEASES**
[54] **COMPOSITION DESTINEE A LA PREVENTION OU AU TRAITEMENT DE MALADIES NEURODEGENERATIVES**
[72] JONKER, PAUL LEOPOLD, NL
[72] VAN DER MADE, SANNE MARIA, NL
[72] STERKMAN, LUCAS GERARDUS WILLIBRORDUS, NL
[71] NEWTRICIOUS B.V., NL
[85] 2018-08-15
[86] 2017-02-21 (PCT/EP2017/053891)
[87] (WO2017/144443)
[30] EP (16156649.2) 2016-02-22

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[51] **Int.Cl. A61K 48/00 (2006.01) C12N 9/16 (2006.01)**
[25] EN
[54] **GENE THERAPY FOR THE TREATMENT OF A RETINAL DEGENERATION DISEASE**
[54] **THE´RAPIE GE´NIQUE POUR LE TRAITEMENT DE MALADIES DEGENERATIVES DE LA RE´TINE**
[72] MICHALAKIS, STYLIANOS, DE
[72] BIEL, MARTIN, DE
[72] SEELIGER, MATHIAS, DE
[72] SCHOEN, CHRISTIAN, DE
[71] EYESERV GMBH, DE
[85] 2018-08-15
[86] 2017-02-23 (PCT/EP2017/054230)
[87] (WO2017/144611)
[30] EP (16156902.5) 2016-02-23

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[51] **Int.Cl. C08G 18/48 (2006.01) C08G 18/18 (2006.01) C08G 18/42 (2006.01) C08G 18/50 (2006.01) C08G 18/76 (2006.01) C08J 9/12 (2006.01) C08L 75/04 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF A POLYURETHANE FOAM**
[54] **PROCEDE POUR LA PREPARATION D'UNE MOUSSE DE POLYURETHANE**
[72] KANG, JOO-HEE, KR
[72] HARDINGHAUS, FERDINAND, DE
[72] BORNER, KARSTEN, DE
[72] FABRE, JEAN, DE
[71] SOLVAY SA, BE
[85] 2018-08-15
[86] 2017-02-24 (PCT/EP2017/054302)
[87] (WO2017/144651)
[30] EP (16157615.2) 2016-02-26

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[51] **Int.Cl. G06Q 10/02 (2012.01)**
[25] EN
[54] **CHECKING ACCESS AUTHORIZATIONS USING MOBILE CONTROL DEVICES**
[54] **VERIFICATION DE DROITS D'ACCES AVEC DES APPAREILS DE CONTROLE MOBILES**
[72] FRIEDLI, PAUL, CH
[72] TROESCH, FLORIAN, CH
[71] INVENTIO AG, CH
[85] 2018-08-15
[86] 2017-02-27 (PCT/EP2017/054447)
[87] (WO2017/148840)
[30] EP (16157907.3) 2016-02-29

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[51] **Int.Cl. B60C 11/16 (2006.01)**
[25] EN
[54] **STUD FOR A PNEUMATIC VEHICLE TYRE, AND METHOD FOR PRODUCING A STUD**
[54] **CLOU POUR UN PNEUMATIQUE DE VEHICULE ET PROCEDE DE FABRICATION D'UN CLOU**
[72] BERGER, CHRISTOPH, DE
[72] SCHLITTENHARD, JAN, DE
[72] GASSNER, FRIEDRICH, DE
[71] CONTINENTAL REIFEN DEUTSCHLAND GMBH, DE
[85] 2018-08-15
[86] 2017-02-28 (PCT/EP2017/054544)
[87] (WO2017/198352)
[30] DE (10 2016 208 386.4) 2016-05-17

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[51] **Int.Cl. C12N 5/09 (2010.01) C12N 5/00 (2006.01)**
[25] EN
[54] **METHODS OF SCREENING DRUGS FOR CANCER TREATMENT USING CELLS GROWN ON A FIBER-INSPIRED SMART SCAFFOLD**
[54] **PROCEDES DE RECHERCHE PAR CRIBLAGE DE MEDICAMENTS POUR LE TRAITEMENT DU CANCER UTILISANT DES CELLULES CULTIVEES SUR UN ECHAFAUDAGE INTELLIGENT INSPIRE DE FIBRES**
[72] MOHAPATRA, SUBHRA, US
[72] MOHAPATRA, SHYAM S., US
[72] NAIR, RAJESH R., US
[71] UNIVERSITY OF SOUTH FLORIDA, US
[71] TRANSGENEX NANOBIOTECH, INC., US
[85] 2018-08-10
[86] 2017-02-17 (PCT/US2017/018506)
[87] (WO2017/143287)
[30] US (62/296,847) 2016-02-18
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[25] EN
[54] **ELECTRICAL HAND-HELD CORE DRILLING DEVICE**
[54] **CAROTTEUSE ELECTRIQUE A MAIN**
[72] KOSLOWSKI, OLIVER, DE
[72] TAACK-TRAKRANEN, JOHN VAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-08-15
[86] 2017-03-02 (PCT/EP2017/054865)
[87] (WO2017/149061)
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[13] A1
[51] **Int.Cl. B66B 7/12 (2006.01)**
[25] EN
[54] **SUPPORTING MEANS FOR AN ELEVATOR INSTALLATION, WITH MULTIPLE SENSORS ARRANGED ALONG THE SUPPORTING MEANS**
[54] **ELEMENT DE SUPPORT POUR INSTALLATION D'ASCENSEUR, COMPORTANT PLUSIEURS DETECTEURS DISPOSES LE LONG DU MOYEN DE SUPPORT**
[72] ZAPF, VOLKER, CH
[71] INVENTIO AG, CH
[85] 2018-08-15
[86] 2017-03-02 (PCT/EP2017/054919)
[87] (WO2017/153250)
[30] EP (16159641.6) 2016-03-10

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[25] EN
[54] **IMPROVEMENTS IN SNAP FIT POSTS FOR FENCE PANELS BALUSTRADES AND THE LIKE**
[54] **AMELIORATIONS APPORTEES A DES MONTANTS A EMBOITEMENT-PRESSION POUR PANNEAUX DE CLOTURE, BALUSTRADES ET ANALOGUES**
[72] THOMAS, LESLIE JAMES, AU
[72] LINDSAY, GARY LLOYD, AU
[71] SAS SYSTEMS AUSTRALIA PTY LTD, AU
[85] 2018-08-13
[86] 2016-02-13 (PCT/AU2016/000038)
[87] (WO2016/127201)
[30] AU (2015900469) 2015-02-13

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[51] **Int.Cl. A63G 7/00 (2006.01)**
[25] EN
[54] **ROLLER COASTER VEHICLE**
[54] **VEHICULE DE MONTAGNES RUSSES**
[72] WALSER, WILLY, CH
[72] ROTHE, ROMAN, CH
[71] WALSER, WILLY, CH
[71] ROTHE, ROMAN, CH
[85] 2018-08-15
[86] 2017-03-06 (PCT/EP2017/055227)
[87] (WO2017/153358)
[30] EP (16159842.0) 2016-03-11

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[13] A1
[51] **Int.Cl. A63G 7/00 (2006.01) A63G 31/16 (2006.01) G02B 27/01 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **POSITION DETERMINATION AND ALIGNMENT OF A VIRTUAL REALITY HEADSET AND FAIRGROUND RIDE WITH A VIRTUAL REALITY HEADSET**
[54] **DETERMINATION DE POSITION ET ORIENTATION D'UN CASQUE DE REALITE VIRTUELLE, ET MANEGE D'ATTRACTION DOTE D'UN CASQUE DE REALITE VIRTUELLE**
[72] GORDT, DENNIS, DE
[72] HEYSE, MICHAEL, DE
[71] VR COASTER GMBH & CO. KG, DE
[85] 2018-08-15
[86] 2017-03-09 (PCT/EP2017/055571)
[87] (WO2017/153532)
[30] DE (10 2016 104 337.0) 2016-03-09

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[54] **APPARATUS FOR APPLYING ELECTRIC PULSES TO LIVING MYOCARDIAL TISSUE**
[54] **APPAREIL POUR APPLIQUER DES IMPULSIONS ELECTRIQUES A UN TISSU MYOCARDIQUE VIVANT**
[72] SCHLEMMER, ALEXANDER, DE
[72] LILIENKAMP, THOMAS, DE
[72] BERG, SEBASTIAN, DE
[72] PARLITZ, ULRICH, DE
[72] LUTHER, STEFAN, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
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[54] **IMPROVEMENTS TO MAGNETIC DETECTORS**
[54] **AMELIORATIONS APPORTEES AUX DETECTEURS MAGNETIQUES**
[72] KEENE, MARK NICHOLAS, GB
[71] METRASENS LIMITED, GB
[85] 2018-08-15
[86] 2017-02-14 (PCT/GB2017/050387)
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[25] EN
[54] **A METHOD AND APPARATUS FOR MEASURING THE CONCENTRATION OF TARGET SUBSTANCES IN BLOOD**
[54] **PROCEDE ET APPAREIL POUR MESURER LA CONCENTRATION DE SUBSTANCES CIBLES DANS LE SANG**
[72] CHAUDRY, SABIH, GB
[71] ORSUS MEDICAL LIMITED, GB
[85] 2018-08-15
[86] 2017-02-15 (PCT/GB2017/050389)
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[25] EN
[54] **USE OF A FASTING MIMICKING DIET TO ENHANCE THE EFFICACY OF ANTIESTROGENS IN CANCER THERAPY**
[54] **UTILISATION D'UN REGIME MIMANT LE JEUNE POUR AMELIORER L'EFFICACITE DES ANTIESTROGENES DANS LE TRAITEMENT DU CANCER**
[72] NENCIONI, ALESSIO, IT
[72] BALLESTRERO, ALBERTO, IT
[72] ODETTI, PATRIZIO, IT
[72] MONACELLI, FIAMMETTA, IT
[72] CAFFA, IRENE, IT
[72] LONGO, VALTER, US
[71] UNIVERSITA DEGLI STUDI DI GENOVA, IT
[71] L-NUTRA INC., US
[85] 2018-08-15
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[25] EN
[54] **CAMPING ASSEMBLY WITH A STORAGE BOX AND A TENT**
[54] **ENSEMBLE DE CAMPING COMPRENANT UNE BOITE DE RANGEMENT ET UNE TENTE**
[72] HARRISON, JONATHAN, GB
[72] KIDSON, MARK, GB
[72] HAWKINS, BEN, GB
[71] PURPLE LINE LIMITED, GB
[85] 2018-08-15
[86] 2017-02-15 (PCT/GB2017/050391)
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[54] **TRANSPARENT PANE**
[54] **VITRE TRANSPARENTE**
[72] FISCHER, KLAUS, DE
[72] KUHNE, MATTHIAS, DE
[72] HORNSCHUH, SANDRA, DE
[72] ZIMMERMANN, ROBERTO, DE
[72] HENSELER, MARTIN, DE
[72] SCHAEFFER, DAGMAR, DE
[72] JANSEN, MICHAEL, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[25] EN
[54] **IMAGE SENSOR AND METHOD FOR A GEOSTATIONARY ORBITING SATELLITE**
[54] **CAPTEUR D'IMAGE ET PROCEDE DESTINES A UN SATELLITE EN ORBITE GEOSTATIONNAIRE**
[72] LECOMPTE, MALCOLM, US
[72] WILLIAMS, FRANKLIN, US
[71] LIVE EARTH IMAGING ENTERPRISES LLC, US
[85] 2018-08-15
[86] 2017-02-21 (PCT/GB2017/050440)
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[25] EN
[54] **TWO STAGE METHODS FOR PROCESSING ADHESIVES AND RELATED COMPOSITIONS**
[54] **PROCEDES EN DEUX ETAPES POUR LE TRAITEMENT D'ADHESIFS ET COMPOSITIONS ASSOCIEES**
[72] BARTHOLOMEW, ERIC L., US
[72] BOTTORF, WILLIAM L., US
[72] HEIMBACH, KYLE R., US
[72] MILLER, BRANDON S., US
[72] WATERMAN, MICHAEL T., US
[72] ZAJACZKOWSKI, MICHAEL, US
[72] LUO, QIANG, US
[72] FULL, ANDREW P., US
[72] KOHLER, CHRISTOPHER E., US
[71] AVERY DENNISON CORPORATION, US
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[86] 2017-02-20 (PCT/US2017/018568)
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[25] EN
[54] **NUT BASED LIQUID CREAMERS AND METHOD OF MAKING THEREOF**
[54] **CREMES LIQUIDES A BASE DE NOIX ET LEUR PROCEDE DE FABRICATION**
[72] BUNCE, MATTHEW GALEN, US
[72] SAFFON, MAXIME, US
[72] FU, JUN-TSE RAY, US
[72] SHER, ALEXANDER A., US
[71] NESTEC S.A., CH
[85] 2018-08-15
[86] 2017-03-21 (PCT/EP2017/056746)
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[30] US (62/311,796) 2016-03-22
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[25] EN
[54] **TRAY SYSTEM FOR TRANSFER, COUNTING, STORAGE AND DISPOSAL OF SURGICAL INSTRUMENTS**
[54] **SYSTEME DE PLATEAU POUR LE TRANSFERT, LE COMPTAGE, LE STOCKAGE ET L'ELIMINATION D'INSTRUMENTS CHIRURGICAUX**
[72] HART, CHRISTOPHER ALEXANDER, AU
[72] PENNINGS, HUBERTUS, AU
[71] CATALINA NOMINEES PTY. LTD., AU
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[25] EN
[54] **PRECISION SEEDER**
[54] **SEMOIR MONOGRAINE**
[72] SCHNIER, HEINZ-FRIEDRICH, DE
[72] CONZEN, CARSTEN, DE
[72] ASSUMPCAO MOREIRA, LIVIA, DE
[71] BAYER CROPSCIENCE AG, DE
[85] 2018-08-15
[86] 2017-04-04 (PCT/EP2017/057952)
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[51] **Int.Cl. A61K 31/4439 (2006.01) A61P 11/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING NASAL AND PARANASAL MUCOSA DISEASES WITH NICOTINIC ACETYLCHOLINE RECEPTOR AGONISTS**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE MALADIES DES MUQUEUSES PARANASALES A L'AIDE D'AGONISTES DES RECEPTEURS NICOTINIQUES A L'ACETYLCHOLINE**
[72] SOLIS HERRERA, ARTURO, MX
[71] SOLIS HERRERA, ARTURO, MX
[85] 2018-08-15
[86] 2017-04-12 (PCT/IB2017/000764)
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[25] EN
[54] **TOKENISATION METHOD AND SYSTEM FOR IMPLEMENTING EXCHANGES ON A BLOCKCHAIN**
[54] **PROCEDE ET SYSTEME DE SEGMENTATION EN UNITES POUR METTRE EN ŒUVRE DES ECHANGES SUR UNE CHAINE DE BLOCS**
[72] WRIGHT, CRAIG STEVEN, GB
[72] SAVANAH, STEPHANE, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-08-15
[86] 2017-02-14 (PCT/IB2017/050825)
[87] (WO2017/145008)
[30] GB (1603117.1) 2016-02-23
[30] GB (1603123.9) 2016-02-23
[30] GB (1603114.8) 2016-02-23
[30] GB (1603125.4) 2016-02-23
[30] GB (1604225.1) 2016-03-11
[30] GB (1605571.7) 2016-04-01
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[51] **Int.Cl. H04L 9/08 (2006.01) H04L 9/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR EFFICIENT TRANSFER OF CRYPTOCURRENCY ASSOCIATED WITH A PAYROLL ON A BLOCKCHAIN THAT LEADS TO AN AUTOMATED PAYROLL METHOD AND SYSTEM BASED ON SMART CONTRACTS**
[54] **PROCEDE ET SYSTEME DE TRANSFERT EFFICACE DE CRYPTOMONNAIE ASSOCIEE A UNE LISTE DE PAIE SUR UNE CHAINE DE BLOCS PRODUISANT UN PROCEDE ET UN SYSTEME DE PAIE AUTOMATISEE BASES SUR DES CONTRATS INTELLIGENTS**
[72] WRIGHT, CRAIG STEVEN, GB
[72] SAVANAH, STEPHANE, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-08-15
[86] 2017-02-16 (PCT/IB2017/050867)
[87] (WO2017/145021)
[30] GB (1603117.1) 2016-02-23
[30] GB (1603125.4) 2016-02-23
[30] GB (1604495.0) 2016-03-16
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[25] EN
[54] **METHODS OF TREATING DISEASES CHARACTERISED BY VASOCONSTRICTION**
[54] **METHODES DE TRAITEMENT DE MALADIES CARACTERISEES PAR UNE VASOCONSTRICTION**
[72] JAKOBSSON, PER-JOHAN, SE
[71] GESYNTA PHARMA AB, SE
[85] 2018-08-15
[86] 2017-02-24 (PCT/GB2017/050498)
[87] (WO2017/144909)
[30] GB (1603311.0) 2016-02-25

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[25] EN
[54] **SECURE PORTABLE ENCASEMENT SYSTEM**
[54] **SYSTEME DE COUVERTURE PORTATIF SECURISE**
[72] MCLEAN, HUGH DAVID GEOFFREY, GB
[72] REDMAN, ANDREW J., GB
[72] CONNELL, DAVID A., GB
[72] PHILLIPS, ROBERT J., GB
[72] ENGLISH, NIALL, IE
[71] EVERSAFE TECHNOLOGIES LIMITED, GB
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[25] EN
[54] **METHODS FOR USING FXR AGONISTS**
[54] **PROCEDES D'UTILISATION D'AGONISTES DE FXR**
[72] LAFFITTE, BRYAN, US
[72] BADMAN, MICHAEL, US
[72] CHEN, JIN, US
[72] LINDGREN, SAM, CH
[71] NOVARTIS AG, CH
[85] 2018-08-15
[86] 2017-02-17 (PCT/IB2017/050912)
[87] (WO2017/145031)
[30] US (62/298,117) 2016-02-22
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[51] **Int.Cl. A61K 48/00 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01)**
[25] EN
[54] **NEURONAL MODULATION**
[54] **UTILISATION DE DREADD POUR LA MODULATION NEURONALE DANS LE TRAITEMENT DE MALADIES NEURONALES**
[72] ASSAF, FADI, IL
[72] SCHILLER, YITZHAK, IL
[71] ASSAF, FADI, IL
[71] SCHILLER, YITZHAK, IL
[85] 2018-08-15
[86] 2017-03-08 (PCT/IL2017/050294)
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[25] EN
[54] **METHODS FOR USING FXR AGONISTS**
[54] **METHODES D'UTILISATION D'AGONISTES DE FXR**
[72] LAFFITTE, BRYAN, US
[72] BADMAN, MICHAEL, US
[72] CHEN, JIN, US
[72] LINDGREN, SAM, CH
[71] NOVARTIS AG, CH
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[86] 2017-02-20 (PCT/IB2017/050962)
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[51] **Int.Cl. B60T 1/10 (2006.01) B62M 1/10 (2010.01)**
[25] EN
[54] **SPRING BASED REGENERATIVE BRAKING SYSTEM**
[54] **SYSTEME DE FREINAGE A RECUPERATION BASE SUR UN RESSORT**
[72] ATHALYE, RAVI G., IN
[71] ATHALYE, RAVI G., IN
[85] 2018-08-15
[86] 2016-11-15 (PCT/IN2016/050399)
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[51] **Int.Cl. A61K 31/7048 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF BACTERIAL INFECTIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR LE TRAITEMENT D'INFECTIONS BACTERIENNES**
[72] PATEL, MAHESH VITHALBHAI, IN
[72] BHAGWAT, SACHIN SUBHASH, IN
[72] CHAVAN, RAJESH, IN
[72] PATEL, ANUSUYA, IN
[71] WOCKHARDT LIMITED, IN
[85] 2018-08-15
[86] 2017-01-12 (PCT/IB2017/050154)
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[30] IN (201621001035) 2016-01-12

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[51] **Int.Cl. A01N 43/10 (2006.01) A01N 25/00 (2006.01) A01N 25/30 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR ENHANCING PLANT DISEASE CONTROLLING EFFECTS OF ISOFETAMID AND METHOD FOR CONTROLLING PLANT DISEASES**
[54] **PROCEDE POUR RENFORCER L'EFFET DE LUTTE CONTRE DES MALADIES DE PLANTE D'ISOFETAMIDE, ET PROCEDE POUR LUTTER CONTRE UNE MALADIE DE PLANTE**
[72] OGAWA, MUNEKAZU, JP
[72] HAYASHI, HIROYUKI, JP
[72] ABE, YUZUKA, JP
[72] NISHIMURA, AKIHIRO, JP
[71] ISHIHARA SANGYO KAISHA, LTD., JP
[85] 2018-08-15
[86] 2017-03-07 (PCT/JP2017/009004)
[87] (WO2017/154905)
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[51] **Int.Cl. H04L 9/30 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **BLOCKCHAIN-IMPLEMENTED METHOD FOR CONTROL AND DISTRIBUTION OF DIGITAL CONTENT**
[54] **PROCEDE MIS EN □UVRE PAR CHAINE DE BLOCS POUR LE CONTROLE ET LA DISTRIBUTION DE CONTENU NUMERIQUE**
[72] WRIGHT, CRAIG STEVEN, GB
[72] SAVANAH, STEPHANE, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-08-15
[86] 2017-02-21 (PCT/IB2017/050978)
[87] (WO2017/145047)
[30] GB (1603117.1) 2016-02-23
[30] GB (1607484.1) 2016-04-29
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[51] **Int.Cl. G06F 21/32 (2013.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM, DEVICE AND SOFTWARE PROGRAMME PRODUCT FOR THE REMOTE AUTHORIZATION OF A USER OF DIGITAL SERVICES**
[54] **PROCEDE, SYSTEME, DISPOSITIF, ET PRODUIT-PROGRAMME INFORMATIQUE, DESTINES A L'AUTORISATION A DISTANCE D'UN UTILISATEUR DE SERVICES NUMERIQUES**
[72] VAN PROOIJEN, JOOST, NL
[72] DURAND, CLAIRE, NL
[72] HUGEL, RODOLPHE, NL
[72] DE VOS, JOURI, NL
[71] MORPHO B.V., NL
[85] 2018-08-15
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[87] (WO2017/142407)
[30] NL (2016272) 2016-02-16

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[51] **Int.Cl. G01N 1/02 (2006.01) G01N 1/34 (2006.01)**
[25] EN
[54] **UNDERWATER SAMPLING DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES D'ECHANTILLONNAGE SOUS-MARIN**
[72] JACKSON, JAMES ERIC, CA
[72] CLARKE, DON R., CA
[72] TREMBANIS, ARTHUR, US
[72] CARY, CRAIG, NZ
[71] CELLULA ROBOTICS, LTD., CA
[85] 2018-08-15
[86] 2017-02-17 (PCT/IB2017/000217)
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[51] **Int.Cl. C07D 333/10 (2006.01) A61K 31/381 (2006.01) A61K 31/4436 (2006.01) C07D 409/12 (2006.01)**
[25] EN
[54] **NOVEL 2,3,5-SUBSTITUTED THIOPHENE COMPOUND AS PROTEIN KINASE INHIBITOR**
[54] **NOUVEAU COMPOSE THIOPHENE SUBSTITUE EN 2,3,5 UTILISE EN TANT QU'INHIBITEUR DE LA PROTEINE KINASE**
[72] SIM, TAE BO, KR
[72] HUR, WOO YOUNG, KR
[72] SONG, CHI MAN, KR
[72] YOON, HO JONG, KR
[72] CHOI, SEUNG HYE, KR
[72] CHO, HAN NA, KR
[72] CHOI, HWAN GEUN, KR
[72] KIM, NAM DOO, KR
[72] SON, JUNG BEOM, KR
[72] KO, EUN HWA, KR
[72] KIM, HYUN KYOUNG, KR
[72] CHO, JOONG HEUI, KR
[72] KANG, SEOCK YONG, KR
[72] KIM, SO YOUNG, KR
[72] KO, YI KYUNG, KR
[72] LEE, SEUNG YEON, KR
[72] YOON, SUK KYOON, KR
[72] BAE, JAE HYUN, KR
[71] KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY, KR
[71] DAEGU-GYEONGBUK MEDICAL INNOVATION FOUNDATION, KR
[85] 2018-08-15
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[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/7048 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES**
[72] SHAREEF, MOHAMMAD AJMAL, IN
[72] SAHU, MRUTUNJAYA, IN
[72] HANDA, AJAYKUMAR, IN
[71] WOCKHARDT LIMITED, IN
[85] 2018-08-15
[86] 2017-01-12 (PCT/IB2017/050155)
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[30] IN (201621001033) 2016-01-12

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[51] **Int.Cl. F24F 11/00 (2018.01) G05D 23/13 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **ELECTRONIC DEVICE AND METHOD FOR CONTROL OF A BUILDING MANAGEMENT SYSTEM**
[54] **DISPOSITIF ELECTRONIQUE ET PROCEDE DE COMMANDE DE SYSTEME DE GESTION DE BATIMENT**
[72] MARTELLACCI, MARCO, IT
[72] FERRARIS, FILIPPO, IT
[72] SUSSET, ALEXIS MARC GHISLAIN, FR
[72] GIORDANO, GIUSEPPE CARLO, IT
[72] FREYRIA, FRANCESCA STEFANIA, IT
[71] ENERBRAIN S.R.L., IT
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[54] **FREEZE CONCENTRATION OF ROOT- OR TUBER JUICE**
[54] **CONCENTRATION DE JUS DE RACINE OU DE TUBERCULE PAR CONGELATION**
[72] GIUSEPPIN, MARCO LUIGI FEDERICO, NL
[72] IANNACONE, STEFANO, NL
[72] KOOPMANS, WYBREN, NL
[72] SPELBRINK, ROBIN ERIC JACOBUS, NL
[72] BERGHOUT, JACQUELINE ALIDA MARIA, NL
[71] COOPERATIE AVEBE U.A., NL
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[25] EN
[54] **REAL-TIME CONTENT EDITING WITH LIMITED INTERACTIVITY**
[54] **EDITION DE CONTENU EN TEMPS REEL A INTERACTIVITE LIMITEE**
[72] GARAK, JUSTIN, US
[71] GARAK, JUSTIN, US
[85] 2018-08-15
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[54] **NOVEL CRYSTALLINE FORM OF 1-(5-(2,4-DIFLUOROPHENYL)-1-((3-FLUOROPHENYL)SULFONYL)-4-METHOXY-1H-PYRROL-3-YL)-N-METHYLMETHANAMINE SALT**
[54] **NOUVELLE FORME CRISTALLINE DE SEL DE 1-(5-(2,4-DIFLUOROPHENYL)-1-((3-FLUOROPHENYL)SULFONYL)-4-METHOXY-1H-PYRROL-3-YL)-N-METHYLMETHANAMINE**
[72] KIM, AERI, KR
[72] CHO, KWAN HYUNG, KR
[71] DAEWOONG PHARMACEUTICAL CO., LTD., KR
[85] 2018-08-15
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[25] EN
[54] **SYSTEM AND METHOD FOR THE GENERATION AND USE OF AN ELECTRO-THERMAL BATTERY MODEL**
[54] **SYSTEME ET PROCEDE DE GENERATION ET D'UTILISATION DE MODELE DE BATTERIE ELECTROTHERMIQUE**
[72] TATE, EDWARD DEAN, JR., US
[71] EXA CORPORATION, US
[85] 2018-08-15
[86] 2017-02-08 (PCT/US2017/016887)
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[30] US (15/044,454) 2016-02-16

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[25] EN
[54] **METHOD OF CALCULATING RADIOGENIC HEAT PRODUCTION**
[54] **PROCEDE DE CALCUL DE PRODUCTION DE CHALEUR RADIOGENE**
[72] HOKSTAD, KETIL, NO
[72] DUFFAUT, KENNETH, NO
[72] FICHLER, CHRISTINE, NO
[72] KYRKJEBO, RUNE, NO
[72] ALASONATI TASAROVA, ZUZANA, NO
[71] EQUINOR ENERGY AS, NO
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[86] 2017-02-20 (PCT/NO2017/050044)
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[25] EN
[54] **PERSONAL DEVICE SECURITY USING ELLIPTIC CURVE CRYPTOGRAPHY FOR SECRET SHARING**
[54] **SECURITE D'UN DISPOSITIF PERSONNEL UTILISANT UNE CRYPTOGRAPHIE A COURBE ELLIPTIQUE POUR LE PARTAGE DE SECRETS**
[72] WRIGHT, CRAIG STEVEN, GB
[72] SAVANAH, STEPHANE, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-08-15
[86] 2017-02-14 (PCT/IB2017/050815)
[87] (WO2017/145002)
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[25] EN
[54] **MULTIPLE-FLUID INJECTION PUMP**
[54] **POMPE D'INJECTION DE FLUIDES MULTIPLES**
[72] FULPER, L. DAVID, US
[72] COLLINS, ARTHUR JOHN, US
[72] MCGOWAN, KNIGHT ARTHUR, US
[72] WESTON, STEVEN M., US
[71] R.P. SCHERER TECHNOLOGIES, LLC, US
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[54] **MULTI-ZONED PADDLE SCREEN APPARATUS**
[54] **APPAREIL DE CRIBLAGE A PALES MULTIZONE**
[72] FRANKO, ANDREW, US
[71] FLUID QUIP, INC., US
[85] 2018-08-15
[86] 2016-01-27 (PCT/US2016/015058)
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[25] EN
[54] **TREATMENT OF TINNITUS USING GLUTAMATE RECEPTOR AGONISTS**
[54] **TRAITEMENT DES ACOUPHENES A L'AIDE D'AGONISTES DES RECEPTEURS DU GLUTAMATE**
[72] GALAZYUK, ALEXANDER V., US
[71] NORTHEAST OHIO MEDICAL UNIVERSITY, US
[85] 2018-08-15
[86] 2016-02-19 (PCT/US2016/018572)
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[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING ASSET-RELATED ACTIONS VIA A BLOCKCHAIN**
[54] **SYSTEME ET PROCEDE DE CONTROLE D'ACTIONS LIEES A DES ACTIFS VIA UNE CHAINE DE BLOCS**
[72] WRIGHT, CRAIG STEVEN, GB
[72] ALLEN, GAVIN, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-08-15
[86] 2017-02-14 (PCT/IB2017/050824)
[87] (WO2017/145007)
[30] GB (1603117.1) 2016-02-23
[30] GB (1603123.9) 2016-02-23
[30] GB (1603114.8) 2016-02-23
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[25] EN
[54] **NOVEL ACID ADDITION SALT OF 1-(5-(2,4-DIFLUOROPHENYL)-1-((3-FLUOROPHENYL)SULFONYL)-4-METHOXY-1H-PYRROL-3-YL)-N-METHYLMETHANAMINE**
[54] **NOUVEAU SEL D'ADDITION D'ACIDE DE 1-(5-(2,4-DIFLUOROPHENYL)-1-((3-FLUOROPHENYL)SULFONYL)-4-METHOXY-1H-PYRROL-3-YL)-N-METHYLMETHANAMINE**
[72] KIM, AERI, KR
[72] CHO, KWAN HYUNG, KR
[71] DAEWOONG PHARMACEUTICAL CO., LTD., KR
[85] 2018-08-15
[86] 2017-03-17 (PCT/KR2017/002913)
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[30] KR (10-2016-0036081) 2016-03-25
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[51] **Int.Cl. A61K 47/10 (2017.01) A61K 9/08 (2006.01) A61K 31/519 (2006.01)**
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[54] **PEMETREXED FORMULATIONS**
[54] **FORMULATIONS DE PEMETREXED**
[72] CHEN, FENG-JING, US
[72] KRILL, STEVEN L., US
[71] EAGLE PHARMACEUTICALS, INC., US
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[51] **Int.Cl. E04B 1/30 (2006.01) E04B 2/58 (2006.01) E04B 1/24 (2006.01)**
[25] EN
[54] **METHOD FOR CONSTRUCTING MULTI-STORY BUILDINGS USING STACKED STRUCTURAL STEEL WALL TRUSSES**
[54] **PROCEDE DE CONSTRUCTION DE BATIMENTS A PLUSIEURS ETAGES AU MOYEN DE POUTRES DE MUR EMPILEES EN ACIER DE CONSTRUCTION**
[72] COHEN, DAVID L., US
[71] VEGA BUILDING SYSTEMS LLC, US
[85] 2018-08-15
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[87] (WO2017/146838)
[30] US (62/298,054) 2016-02-22

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[51] **Int.Cl. E04B 1/30 (2006.01) E04B 2/58 (2006.01)**
[25] EN
[54] **METHOD FOR CONSTRUCTING MULTI-STORY BUILDINGS USING STACKED STRUCTURAL STEEL WALL TRUSSES**
[54] **PROCEDE DE CONSTRUCTION DE BATIMENTS A PLUSIEURS ETAGES AU MOYEN DE POUTRES DE MUR EMPILEES EN ACIER DE CONSTRUCTION**
[72] COHEN, DAVID L., US
[71] VEGA BUILDING SYSTEMS LLC, US
[85] 2018-08-15
[86] 2017-01-18 (PCT/US2017/013903)
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[25] EN
[54] **STABILIZING METHODS FOR COATING SEEDS WITH BIOLOGICAL MATERIALS**
[54] **PROCEDES DE STABILISATION POUR ENROBER DES GRAINES AVEC DES MATERIAUX BIOLOGIQUES**
[72] REAP, JAMES J., US
[72] ACKERSON, ROBERT, US
[72] TANG, QIONG, US
[72] CANTOR, STUART, US
[71] ADVANCED BIONUTRITION CORP., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR REMOTE MONITORING OF NON-CRITICALLY ILL HOSPITALIZED PATIENTS**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE A DISTANCE DE PATIENTS HOSPITALISES NON GRAVEMENT MALADES**
[72] CANTILLON, DANIEL J., US
[72] LOY, MOLLY, US
[71] THE CLEVELAND CLINIC FOUNDATION, US
[85] 2018-08-15
[86] 2017-02-14 (PCT/US2017/017776)
[87] (WO2017/142861)
[30] US (62/296,121) 2016-02-17

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[13] A1
[51] **Int.Cl. A61M 35/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRESERVING AND DELIVERING A THERAPEUTIC GAS TO A WOUND**
[54] **SYSTEME ET PROCEDE DE CONSERVATION ET D'ADMINISTRATION D'UN GAZ THERAPEUTIQUE A UNE PLAIE**
[72] SQUIRES, RYAN, US
[72] GANN, JOHN, US
[72] LAUDER, JENNIFER, US
[72] BLESSING, DAVID, US
[71] AVENT, INC., US
[85] 2018-08-15
[86] 2017-02-10 (PCT/US2017/017286)
[87] (WO2017/142797)
[30] US (62/295,638) 2016-02-16

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[25] EN
[54] **COMPOSITIONS AND METHODS FOR PROTECTING AGAINST AIRBORNE PATHOGENS AND IRRITANTS**
[54] **COMPOSITIONS ET PROCEDES DE PROTECTION CONTRE DES AGENTS PATHOGENES ET DES SUBSTANCES IRRITANTES AERIENS**
[72] LATEFI, NAZLIE, US
[71] APPLIED BIOLOGICAL LABORATORIES, INC., US
[85] 2018-08-15
[86] 2017-02-24 (PCT/US2017/019535)
[87] (WO2017/147540)
[30] US (62/299,775) 2016-02-25

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[25] EN
[54] **VIRTUAL AND AUGMENTED REALITY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE REALITE VIRTUELLE ET AUGMENTEE**
[72] CHENG, HUI-CHUAN, US
[71] MAGIC LEAP, INC., US
[85] 2018-08-15
[86] 2017-02-27 (PCT/US2017/019601)
[87] (WO2017/151467)
[30] US (62/301,502) 2016-02-29

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[25] EN
[54] **DEPTH SENSING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE PROFONDEUR**
[72] LINK, GREGORY MICHAEL, US
[71] MAGIC LEAP, INC., US
[85] 2018-08-15
[86] 2017-02-28 (PCT/US2017/020030)
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[30] US (62/301,847) 2016-03-01

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[51] **Int.Cl. D03D 25/00 (2006.01) A63B 59/70 (2015.01) B32B 5/02 (2006.01)**
[25] EN
[54] **3D WEAVING MATERIAL AND METHOD OF 3D WEAVING FOR SPORTING IMPLEMENTS**
[54] **MATERIAU DE TISSAGE 3D ET PROCEDE DE TISSAGE 3D DESTINES A DU MATERIEL SPORTIF**
[72] CARON KARDOS, JEAN-FREDERIK, CA
[72] DUCHARME, MATHIEU, CA
[71] BAUER HOCKEY LTD., CA
[85] 2018-08-15
[86] 2017-03-03 (PCT/US2017/020630)
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[51] **Int.Cl. A61K 31/513 (2006.01) A61K 31/4412 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY WITH SORAFENIB OR REGORAFENIB AND A PHOSPHORAMIDATE PRODRUG OF TROXACITABINE**
[54] **TRAITEMENT D'ASSOCIATION UTILISANT DU SORAFENIB OU DU REGORAFENIB ET UN PROMEDICAMENT DE LA TROXACITABINE DE TYPE PHOSPHORAMIDATE**
[72] ALBERTELLA, MARK, SE
[72] ENEROTH, ANDERS, SE
[72] KLASSON, BJORN, SE
[72] OBERG, FREDRIK, SE
[72] OHD, JOHN, SE
[71] MEDIVIR AKTIEBOLAG, SE
[85] 2018-08-15
[86] 2017-02-28 (PCT/SE2017/050186)
[87] (WO2017/151044)
[30] SE (1650274-2) 2016-03-02
[30] SE (1651204-8) 2016-09-08

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[51] **Int.Cl. C04B 35/52 (2006.01) C04B 35/528 (2006.01) C04B 35/645 (2006.01) C04B 41/00 (2006.01)**
[25] EN
[54] **POLYCRYSTALLINE DIAMOND COMPACTS HAVING INTERSTITIAL DIAMOND GRAINS AND METHODS OF MAKING THE SAME**
[54] **COMPACTS DE DIAMANTS POLYCRISTALLINS AYANT DES GRAINS DE DIAMANTS INTERSTITIELS, ET LEURS PROCEDES DE FABRICATION**
[72] GLEDHILL, ANDREW, US
[72] SCOTT, DANNY, US
[72] BIRD, MARC, US
[71] DIAMOND INNOVATIONS, INC., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-08-15
[86] 2017-02-17 (PCT/US2017/018303)
[87] (WO2017/143140)
[30] US (62/296,130) 2016-02-17

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[51] **Int.Cl. A61K 31/415 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR REDUCING PRION LEVELS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'ABAISSER LES NIVEAUX DE PRIONS**
[72] SCHAETZL, HERMANN M., CA
[72] ABDULRAHMAN, BASANT, CA
[72] GILCH, SABINE, CA
[72] ZUKIWSKI, ALEXANDER, US
[72] PRONIUK, STEFAN, US
[71] OHIO STATE INNOVATION FOUNDATION, US
[71] UTI LIMITED PARTNERSHIP, CA
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[86] 2017-02-28 (PCT/US2017/020053)
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[30] US (62/302,006) 2016-03-01

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[25] EN
[54] **NONINVASIVE MOLECULAR CONTROLS**
[54] **TEMOINS MOLECULAIRES NON INVASIFS**
[72] FERNANDO, ROHAN M., US
[71] CFGENOME, LLC, US
[85] 2018-08-15
[86] 2017-03-06 (PCT/US2017/020987)
[87] (WO2017/155894)
[30] US (62/304,712) 2016-03-07

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[51] **Int.Cl. H01G 9/20 (2006.01)**
[25] EN
[54] **A SOLAR CELL COMPRISING GRAINS OF A DOPED SEMICONDUCTING MATERIAL AND A METHOD FOR MANUFACTURING THE SOLAR CELL**
[54] **CELLULE SOLAIRE COMPRENANT DES GRAINS D'UN MATERIAU SEMI-CONDUCTEUR DOPE ET PROCEDE DE FABRICATION DE LA CELLULE SOLAIRE**
[72] LINDSTROM, HENRIK, SE
[71] EXEGER OPERATIONS AB, SE
[85] 2018-08-15
[86] 2017-03-01 (PCT/SE2017/050193)
[87] (WO2017/155447)
[30] SE (1650331-0) 2016-03-10

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[51] **Int.Cl. A61K 48/00 (2006.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01) A61P 31/16 (2006.01)**
[25] EN
[54] **PAN-GENOTYPIC AGENTS AGAINST INFLUENZA VIRUS AND METHODS OF USING THE SAME**
[54] **AGENTS PAN-GENOTYPIQUES CONTRE LE VIRUS DE LA GRIPPE ET LEURS PROCEDES D'UTILISATION**
[72] GLENN, JEFFREY S., US
[72] HAGEY, RACHEL, US
[72] PHAM, EDWARD, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2018-08-15
[86] 2017-03-01 (PCT/US2017/020241)
[87] (WO2017/151795)
[30] US (62/302,548) 2016-03-02

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[51] **Int.Cl. A61M 5/20 (2006.01)**
[25] EN
[54] **MEDICATION INJECTION DEVICE WITH AUTOMATIC NEEDLE RETRACTION FOLLOWING INJECTION**
[54] **DISPOSITIF D'INJECTION DE MEDICAMENT AVEC RETRAIT AUTOMATIQUE DE L'AIGUILLE APRES INJECTION**
[72] GONZALEZ, NICOLE TAYLOR, US
[72] MUSSELMAN, GREGORY ALAN, US
[72] NELSON, LISA JEANNE, US
[72] WANG, DANIEL ENLUO, US
[71] ELI LILLY AND COMPANY, US
[85] 2018-08-15
[86] 2017-03-10 (PCT/US2017/021761)
[87] (WO2017/160625)
[30] US (62/308,997) 2016-03-16

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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEMS, METHODS AND ARTICLES TO FACILITATE CROSS-CHANNEL PROGRAMMATIC PURCHASING OF ADVERTISING INVENTORY**
[54] **SYSTEMES, PROCEDES ET ARTICLES FACILITANT L'ACHAT PROGRAMMATIQUE TRANSCANAUX D'UN INVENTAIRE D'ANNONCES PUBLICITAIRES**
[72] BOX, TYLER WALLACE, US
[72] BURDICK, BRIAN M., US
[72] COCO, GEOFFREY P., US
[72] FERREIRA, IAN P., US
[72] JAFFE, PAUL, US
[72] SHIELS, ALFRED LAWRENCE, US
[72] THOMAN, BRIAN, US
[72] TIVERMAN, OLA, SE
[72] TRIGONY, SEAN, US
[72] YOUNG, STACEY N., US
[71] WIDEORBIT INC., US
[85] 2018-08-15
[86] 2017-03-02 (PCT/US2017/020436)
[87] (WO2017/151908)
[30] US (62/303,271) 2016-03-03

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/30 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR BUILDING PREDICTION MODELS FROM CUSTOMER WEB LOGS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE CONSTRUIRE DES MODELES DE PREDICTION A PARTIR DE BLOGUES DE CLIENT**
[72] SRI, MATHANGI R., IN
[72] SINGH, BHUPINDER, IN
[71] 24/7 CUSTOMER, INC., US
[85] 2018-08-15
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[87] (WO2017/161125)
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[54] **SIGNALLING MULTIPLE SETS OF COMMUNICATION PARAMETERS FOR ENHANCED COORDINATED MULTIPOINT OPERATION**
[54] **SIGNALISATION DE MULTIPLES ENSEMBLES DE PARAMETRES DE COMMUNICATION POUR UN MEILLEUR FONCTIONNEMENT MULTIPOINT COORDONNE**
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[72] GAAL, PETER, US
[72] XU, HAO, US
[71] QUALCOMM INCORPORATED, US
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[54] **CONSTRUCTING MULTI-STORY BUILDINGS USING STACKED STRUCTURAL STEEL WALL TRUSSES**
[54] **CONSTRUCTION DE BATIMENTS A PLUSIEURS ETAGES AU MOYEN DE POUTRES DE MUR EMPILEES EN ACIER DE CONSTRUCTION**
[72] COHEN, DAVID L., US
[71] VEGA BUILDING SYSTEMS LLC, US
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[54] **CODAGE A PLUSIEURS CANAUX**
[72] CHEBIYYAM, VENKATA SUBRAHMANYAM CHANDRA SEKHAR, US
[72] ATTI, VENKATRAMAN S., US
[71] QUALCOMM INCORPORATED, US
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[54] **DECODING VIDEO DATA USING A TWO-LEVEL MULTI-TYPE-TREE FRAMEWORK**
[54] **DECODAGE DE DONNEES VIDEO A L'AIDE D'UNE STRUCTURE D'ARBRES DE TYPES MULTIPLES A DEUX NIVEAUX**
[72] LI, XIANG, US
[72] CHEN, JIANLE, US
[72] ZHANG, LI, US
[72] ZHAO, XIN, US
[72] CHUANG, HSIAO-CHIANG, US
[72] ZOU, FENG, US
[72] KARCZEWICZ, MARTA, US
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[54] **ENSEMBLE MONTURE DE GUIDON**
[72] SMITH, LANCE, US
[71] SMITH, LANCE, US
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[54] **DETERMINING PREDICTION PARAMETERS FOR NON-SQUARE BLOCKS IN VIDEO CODING**
[54] **DETERMINATION DE PARAMETRES DE PREDICTION POUR DES BLOCS NON CARRES DANS UN CODAGE VIDEO**
[72] SEREGIN, VADIM, US
[72] ZHAO, XIN, US
[72] SAID, AMIR, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
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[54] **COMPOSITIONS OF MULTIPLE ARIPIPRAZOLE PRODRUGS**
[54] **COMPOSITIONS DE MULTIPLES PROMEDICAMENTS A BASE D'ARIPIPRAZOLE**
[72] ZEIDAN, TAREK A., US
[72] MANSER, DAVID, IE
[72] PERKIN, KRISTOPHER, IE
[72] CRESSWELL, PHILIP, IE
[72] HICKEY, MAGALI, US
[72] STEINBERG, BRIAN, US
[71] ALKERMES PHARMA IRELAND LIMITED, IE
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[54] **CONSTRAINED BLOCK-LEVEL OPTIMIZATION AND SIGNALING FOR VIDEO CODING TOOLS**
[54] **OPTIMISATION ET SIGNALISATION NIVEAU BLOC LIMITEES POUR DES OUTILS DE CODAGE DE VIDEO**
[72] ZHAO, XIN, US
[72] SEREGIN, VADIM, US
[72] JOSHI, RAJAN LAXMAN, US
[72] SAID, AMIR, US
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[54] **MODULATEURS ALLOSTERIQUES POSITIFS DU RECEPTEUR MUSCARINIQUE DE L'ACETYLCHOLINE M1**
[72] LINDSLEY, CRAIG W., US
[72] CONN, P. JEFFREY, US
[72] ENGERS, DARREN W., US
[72] BOLLINGER, KATRINA A., US
[72] ENGERS, JULIE L., US
[71] VANDERBILT UNIVERSITY, US
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[54] **COMPOSITIONS PERMETTANT D'AMELIORER L'EDITION CIBLEE DE GENES ET LEURS PROCEDES D'UTILISATION**
[72] SALTZMAN, W. MARK, US
[72] GLAZER, PETER, US
[72] BAHAL, RAMAN, US
[72] MCNEER, NICOLE ALI, US
[72] LY, DANITH H., US
[72] QUIJANO, ELIAS, US
[71] CARNEGIE MELLON UNIVERSITY, US
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[54] **COMMANDE D'EXTENSION DE CATHETER**
[72] FORDE, SEAN, US
[72] MCDERMOTT, SEARN ARTHUR, US
[72] HANLEY, BRIAN, US
[71] CSA MEDICAL, INC., US
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[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF CYSTIC FIBROSIS**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE LA MUCOVISCIDOSE**
[72] GLAZER, PETER, US
[72] SALTZMAN, W. MARK, US
[72] EGAN, MARIE, US
[72] MCNEER, NICOLE ALI, US
[71] YALE UNIVERSITY, US
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[71] PERI GMBH, DE
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[54] **AUTOMATIC CONTENT CATEGORIZING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CATEGORISATION AUTOMATIQUE DE CONTENU**
[72] MCCURDY, KEVIN, US
[72] FIELD, HOWARD, US
[71] PICABOO CORPORATION, US
[85] 2018-08-15
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[54] **RFID READER-BASED APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE REPOSANT SUR UN LECTEUR RFID**
[72] RIGGINS, ANDREW P., US
[72] JONES, NICHOLAUS A., US
[71] WALMART APOLLO, LLC, US
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[54] **METHOD OF WEATHERVANING A WORK MACHINE AND WORK MACHINE FOR PERFORMING THE METHOD**
[54] **PROCEDE DE MISE EN GIROUETTE D'UN ENGIN DE TRAVAIL ET ENGIN DE TRAVAIL POUR LA MISE EN OEUVRE DE CE PROCEDE**
[72] CHRISTOPH, EIWAN, DE
[71] LIEBHERR-WERK BIBERACH GMBH, DE
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[54] **ANTI-DISTRACTED DRIVER SYSTEM**
[54] **SYSTEME ANTI-DISTRACTION DU CONDUCTEUR**
[72] LIVINGSTON, ANTONY, US
[72] MACHECA, CHRISTOPHER M., US
[71] LIVINGSTON ENTERPRISES LLC, US
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[54] **ELEMENT COULISSANT POUR TRANSFERER UNE FORCE DE COULISSEMENT A UNE DOUILLE COULISSANTE**
[72] KIRCHBERGER, ANDREAS, DE
[72] SCHAAF, THOMAS, DE
[72] HOMBURG, HANSI, DE
[72] VOCKS, OLIVER, DE
[71] REHAU CONSTRUCTION LLC., US
[71] REHAU AG + CO.,, DE
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[54] **IGNITION SYSTEM FOR IGNITING COMBUSTIBLE GAS MIXTURES**
[54] **SYSTEME D'ALLUMAGE CONCU POUR ALLUMER DES MELANGES GAZEUX COMBUSTIBLES**
[72] HILL, AXEL, DE
[71] FRAMATOME GMBH, DE
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[25] EN
[54] **AMIDES OF ALIPHATIC POLYAMINES AND 12-HYDROXYOCTADECANOIC ACID AND LIPASE STABLE THICKENER COMPOSITIONS**
[54] **AMIDES DE POLYAMINES ALIPHATIQUES ET D'ACIDE 12-HYDROXYOCTADECANOIQUE ET COMPOSITIONS D'EPAISSISSANTS STABLES AUX LIPASES**
[72] KOHLE, HANS-JURGEN, DE
[72] KLOSTERMANN, MICHAEL, DE
[72] TIAN, GONGLU, US
[71] EVONIK DEGUSSA GMBH, DE
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[54] **ALERTNESS PREDICTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PREDICTION DE LA VIGILANCE**
[72] KENYON, MATT, US
[72] PAYNE-ROGERS, COLIN, US
[72] JONES, JOSH, US
[71] CURAEGIS TECHNOLOGIES, INC., US
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[54] **TANKLESS WATER HEATERS AND RELATED METHODS FOR RECREATIONAL VEHICLES**
[54] **CHAUFFE-EAUX INSTANTANES ET PROCEDES ASSOCIES, DESTINES A DES VEHICULES RECREATIFS**
[72] CONSADORI, FRANCESCO, US
[72] RENNERT, JERRY, US
[72] FERNANDEZ, ADRIAN, US
[72] SOLIS MARQUEZ, OSCAR, US
[71] GIRARD PRODUCTS, LLC, US
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[54] **FAECAL DETECTION SENSOR**
[54] **CAPTEUR DE DETECTION DE MATIERES FECALES**
[72] CURRAN, PETER, AU
[72] AZIMI, MEHDI, AU
[72] MASHIN-CHI, HADI, AU
[72] AIGNER, PETER, AU
[72] OLKKONEN, JUUSO, FI
[72] AURA, ANNA-MARJA, FI
[72] VAARI, ANU, FI
[72] NYYSSOLA, ANTTI, FI
[72] HAKOLA, LISA, FI
[72] SMOLANDER, MARIA, FI
[71] FRED BERGMAN HEALTHCARE PTY LTD, AU
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[54] **ENSEMBLE DE RETRAIT D'ADHESIF D'EMBLEME ET PROCEDES ASSOCIES**
[72] FIGUEROA, MANUEL, US
[72] LILLARD, SUSAN, US
[72] VENTURA, CHRISTOPHER R., US
[71] CINTAS CORPORATE SERVICES, INC., US
[71] WORLD EMBLEM INTERNATIONAL, INC., US
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[54] **ENSEMBLE PLAQUE D'ASSEMBLAGE POUR CHEMIN DE CABLES**
[72] LUPSA, LOAN LIVIU, CA
[72] CARDIN, DANIEL, CA
[72] LEVESQUE, SERGE, CA
[71] THOMAS & BETTS INTERNATIONAL LLC, US
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[25] EN
[54] **LIGHT OUTPUT SYSTEM WITH REFLECTOR AND LENS FOR HIGHLY SPATIALLY UNIFORM LIGHT OUTPUT**
[54] **SYSTEME D'EMISSION DE LUMIERE A REFLECTEUR ET LENTILLE POUR FLUX LUMINEUX A GRANDE UNIFORMITE SPATIALE**
[72] SISSOM, BRADLEY JAY, US
[72] HALL, HEIDI LEISING, US
[72] CURTIS, KEVIN, US
[71] MAGIC LEAP, INC., US
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[54] **PROCEDE POUR AMELIORER L'ADHERENCE DE LA SILICONE SUR UNE SURFACE THERMOPLASTIQUE**
[72] GIESEN, RALF URS, DE
[72] RUPPEL, ANNETTE, DE
[72] HARTUNG, MICHAEL, DE
[72] HEIM, HANS-PETER, DE
[71] UNIVERSITAT KASSEL, DE
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[54] **DISPOSITIF DE BOUCHAGE POUR UN COL DE RECIPIENT**
[72] LUZZATO, MICHEL, FR
[72] HANCARD, FRANCK, FR
[71] NOVEMBAL USA INC., US
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[54] **ALIMENTATION ELECTRIQUE CONSTANTE POUR DES CELLULES THERMOELECTRIQUES**
[72] FREER, BENJAMIN AVERY, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **DEICING APPARATUSES**
[54] **APPAREILS DE DEGIVRAGE**
[72] LENKEY, PETER, US
[71] LENKEY, PETER, US
[85] 2018-08-07
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[54] **COMPOSITIONS COMPRISING PHOSPHOLIPID AND THEIR USE**
[54] **COMPOSITIONS COMPRENANT UN PHOSPHOLIPIDE ET LEUR UTILISATION**
[72] SCHNEIDER, NORA, CH
[72] HAUSER, JONAS, CH
[72] SILVA ZOLEZZI, IRMA, CH
[72] SAMUEL, TINU MARY, CH
[72] DEONI, SEAN, US
[72] BARTFAI, TAMAS, SE
[71] NESTEC S.A., CH
[85] 2018-08-15
[86] 2017-03-30 (PCT/EP2017/057573)
[87] (WO2017/167897)
[30] US (62/315,134) 2016-03-30
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[51] **Int.Cl. B25F 5/02 (2006.01) H01M 2/02 (2006.01) H01M 2/10 (2006.01)**
[25] EN
[54] **A BATTERY COVER REMOVAL TOOL INTEGRAL TO A DEVICE**
[54] **OUTIL DE RETRAIT DE COUVERCLE DE BATTERIE INTEGRE A UN DISPOSITIF**
[72] ROS, JACQUELINE, US
[71] REVOLAR TECHNOLOGY INC., US
[85] 2018-07-31
[86] 2017-02-01 (PCT/US2017/016089)
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[30] US (62/289,832) 2016-02-01

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[51] **Int.Cl. C02F 3/02 (2006.01) C02F 3/00 (2006.01)**
[25] EN
[54] **BIOREACTOR FOR WASTEWATER TREATMENT**
[54] **BIOREACTEUR POUR LE TRAITEMENT D'EAUX USEES**
[72] CHARTIER, LEO-MICHEL, CA
[72] CHARTIER, MICHEL, CA
[71] LES ENTREPRISES CHARTIER (2009) INC., CA
[85] 2018-08-16
[86] 2017-02-16 (PCT/CA2017/050198)
[87] (WO2017/139888)
[30] US (62/296,304) 2016-02-17

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[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **ANTIBODIES FOR IL-17C**
[54] **ANTICORPS ANTI-IL-17C**
[72] HAAS, JAN DOMINIK, DE
[72] KLATTIG, JURGEN, DE
[72] VANDEGHINSTE, NICK ERNEST RENE, BE
[71] MORPHOSYS AG, DE
[71] GALAPAGOS NV, BE
[85] 2018-08-16
[86] 2017-02-17 (PCT/EP2017/053592)
[87] (WO2017/140831)
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[51] **Int.Cl. B65B 3/00 (2006.01) A61J 3/00 (2006.01) F16K 27/00 (2006.01)**
[25] EN
[54] **VALVE UNIT FOR AN INSTALLATION FOR PRODUCING A MEDICAL PREPARATION**
[54] **UNITE DE SOUPAPES POUR UNE INSTALLATION DE PRODUCTION D'UNE PREPARATION MEDICALE**
[72] BIEHL, MARTIN, DE
[72] HOCK, MICHAEL, DE
[72] SCHAAKE, HENRIK, DE
[72] BORGWARD, MARCEL, DE
[71] FRESENIUS KABI DEUTSCHLAND GMBH, DE
[85] 2018-08-16
[86] 2017-02-17 (PCT/EP2017/053626)
[87] (WO2017/140849)
[30] EP (16156529.6) 2016-02-19
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[30] EP (16173695.4) 2016-06-09
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[51] **Int.Cl. B30B 9/16 (2006.01) B30B 9/32 (2006.01)**
[25] EN
[54] **CONTAINER COMPRESSING ARRANGEMENT AND METHOD OF OPERATING A CONTAINER COMPRESSING ARRANGEMENT**
[54] **DISPOSITIF DE COMPRESSION DE CONTENANT ET PROCEDE DE FONCTIONNEMENT D'UN DISPOSITIF DE COMPRESSION DE CONTENANT**
[72] JENTER, HOLGER, DE
[72] VOLKLE, THOMAS, DE
[71] TOMRA SYSTEMS ASA, NO
[85] 2018-08-16
[86] 2017-02-17 (PCT/EP2017/053648)
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[25] EN
[54] **COVERING FOR AN ARCHITECTURAL OPENING, MOVABLE RAIL THEREFORE AND METHOD OF LEVELING A MOVABLE RAIL**
[54] **RIDEAU POUR OUVERTURE ARCHITECTURALE, RAIL MOBILE A CET EFFET ET PROCEDE POUR REGLER LE NIVEAU D'UN RAIL MOBILE**
[72] CHURCH, COTY, US
[72] FOLEY, PATRICK, US
[72] JOSEPHSON, PAUL F., US
[71] HUNTER DOUGLAS INC., US
[85] 2018-08-16
[86] 2017-02-17 (PCT/EP2017/053699)
[87] (WO2017/140893)
[30] US (15/046,940) 2016-02-18

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[51] **Int.Cl. C07K 14/47 (2006.01)**
[25] EN
[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST NHL AND OTHER CANCERS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES POUR UNE UTILISATION DANS L'IMMUNOTHERAPIE CONTRE LE LYMPHOME NON HODGKINIEN ET D'AUTRES CANCERS**
[72] SCHOOR, OLIVER, DE
[72] MAHR, ANDREA, DE
[72] WEINSCHENK, TONI, DE
[72] WIEBE, ANITA, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[85] 2018-08-16
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[51] **Int.Cl. C08L 83/04 (2006.01)**
[25] EN
[54] **LOW TEMPERATURE CURE SILICONE ELASTOMER**
[54] **ELASTOMERE DE SILICONE DURCISSABLE A BASSE TEMPERATURE**
[72] BEYER, PATRICK, DE
[72] HANKAMMER, IVONNE, DE
[72] WOLF, HANS PETER, DE
[71] DOW SILICONES CORPORATION, US
[85] 2018-08-16
[86] 2017-02-21 (PCT/EP2017/053929)
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[51] **Int.Cl. A61K 39/00 (2006.01) C07K 7/06 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **PEPTIDES, COMBINATION OF PEPTIDES, AND CELL BASED MEDICAMENTS FOR USE IN IMMUNOTHERAPY AGAINST URINARY BLADDER CANCER AND OTHER CANCERS**
[54] **PEPTIDES, COMBINAISON DE PEPTIDES ET MEDICAMENTS A BASE DE CELLULES DESTINES A ETRE UTILISES EN IMMUNOTHERAPIE CONTRE LE CANCER DE LA VESSIE ET D'AUTRES CANCERS**
[72] MAHR, ANDREA, DE
[72] WEINSCHENK, TONI, DE
[72] SONG, COLETTE, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[85] 2018-08-16
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[25] EN
[54] **METHOD AND DEVICE FOR THE HEAT TREATMENT OF GRANULAR SOLIDS**
[54] **PROCEDE ET DISPOSITIF POUR LE TRAITEMENT THERMIQUE DE SOLIDES GRANULAIRES**
[72] GASAFI, EDGAR, DE
[72] STEGEMANN, BERTOLD, DE
[72] REEB, BERND, DE
[71] OUTOTEC (FINLAND) OY, FI
[85] 2018-08-16
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[87] (WO2017/144469)
[30] DE (10 2016 103 100.3) 2016-02-23

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[51] **Int.Cl. A61K 38/17 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **ALPHA-1-MICROGLOBULIN FOR USE IN THE PROTECTION OF KIDNEYS IN CONNECTION WITH USE OF CONTRAST MEDIA**
[54] **ALPHA-1-MICROGLOBULINE POUR UTILISATION DANS LA PROTECTION DES REINS EN RELATION AVEC L'UTILISATION DE PRODUITS DE CONTRASTE**
[72] AUSTIN, MARTIN, CH
[72] GRAM, MAGNUS GORAN, SE
[72] AKERSTROM, BO, SE
[71] A1M PHARMA AB, SE
[85] 2018-08-16
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[87] (WO2017/144674)
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[25] FR
[54] **METHOD FOR PREPARING PROTON-CONDUCTING PARTICLES SUITABLE FOR CATALYSING OXYGEN REDUCTION OR HYDROGEN OXIDATION BY GRAFTING SPECIFIC PROTON-CONDUCTING POLYMERS TO THE SURFACE OF SAME**
[54] **PROCEDE DE PREPARATION DE PARTICULES APTES A CATALYSER LA REDUCTION DE L'OXYGENE OU L'OXYDATION DE L'HYDROGENE CONDUCTRICES DE PROTONS PAR GREFFAGE A LEUR SURFACE DE POLYMERES CONDUCTEURS DE PROTONS SPECIFIQUES**
[72] BUVAT, PIERRICK, FR
[72] DRU, DELPHINE, FR
[72] LOUBAT, CEDRIC, FR
[72] CROUZET, QUENTIN, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2018-08-16
[86] 2017-02-24 (PCT/EP2017/054376)
[87] (WO2017/144686)
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[51] **Int.Cl. G01N 27/327 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING AN INTERFERENT CONTRIBUTION IN A BIOSENSOR**
[54] **PROCEDE DE DETECTION D'UNE CONTRIBUTION D'INTERFERENCE DANS UN BIOCAPTEUR**
[72] RINGEMANN, CHRISTIAN, DE
[72] WIEDER, HERBERT, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-08-16
[86] 2017-03-14 (PCT/EP2017/055919)
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[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/44 (2006.01) A61K 31/4427 (2006.01) A61K 31/4439 (2006.01) A61K 31/4545 (2006.01) A61P 35/00 (2006.01) C07D 213/75 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **SUBSTITUTED AMINO SIX-MEMBERED NITRIC HETEROCYCLIC RING COMPOUND AND PREPARATION AND USE THEREOF**
[54] **COMPOSE A CYCLE HETEROCYCLIQUE NITRIQUE A SIX ELEMENTS AMINO SUBSTITUE, SA PREPARATION ET SON UTILISATION**
[72] ZHANG, AO, CN
[72] GENG, MEIYU, CN
[72] XING, LI, CN
[72] AI, JING, CN
[72] SONG, ZILAN, CN
[72] PENG, XIA, CN
[72] GU, WANGTING, CN
[72] DING, JIAN, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
[85] 2018-08-16
[86] 2017-02-17 (PCT/CN2017/073966)
[87] (WO2017/140269)
[30] CN (201610094401.7) 2016-02-19

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[13] A1
[51] **Int.Cl. A61K 6/087 (2006.01)**
[25] EN
[54] **THERMOPLASTIC DENTURE FRAMES, METHODS FOR MAKING THERMOPLASTIC DENTURE FRAMES AND DENTURES CONTAINING THERMOPLASTIC DENTURE FRAMES**
[54] **CADRES DE DENTIER THERMOPLASTIQUES, PROCEDE DE FABRICATION DE CADRES DE DENTIER THERMOPLASTIQUES ET DENTIERS CONTENANT DES CADRES DE DENTIER THERMOPLASTIQUES**
[72] SHEMPER, BIANCA SADICOFF, US
[72] SHARY, TIMOTHY JAMES, US
[71] SOLVAY SPECIALTY POLYMERS USA, LLC, US
[85] 2018-08-16
[86] 2017-02-27 (PCT/EP2017/054531)
[87] (WO2017/144727)
[30] US (62/299,657) 2016-02-25
[30] EP (16171913.3) 2016-05-30
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[51] **Int.Cl. B22F 3/105 (2006.01) B23K 26/342 (2014.01) B22F 3/16 (2006.01) B29C 67/00 (2017.01) C21D 7/06 (2006.01) C21D 9/50 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING A PART USING SUCCESSIVE DEPOSITIONS OF LAYERS**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION D'UNE PIECE PAR DEPOTS SUCCESSIFS DE COUCHES**
[72] CORNU, DANIEL, FR
[72] BADREDDINE, JAWAD, FR
[72] DESSOLY, VINCENT, FR
[71] SAFRAN, FR
[85] 2018-08-16
[86] 2017-02-17 (PCT/FR2017/050363)
[87] (WO2017/140994)
[30] FR (FR1651359) 2016-02-19

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[13] A1
[51] **Int.Cl. C10L 5/44 (2006.01) C10B 53/02 (2006.01)**
[25] EN
[54] **BIOMASS FUEL PRODUCTION PLANT**
[54] **INSTALLATION DE PRODUCTION DE COMBUSTIBLE DE BIOMASSE**
[72] ENDO, YUKI, JP
[72] ICHINOSE, TOMOKI, JP
[72] ISHIKAWA, KEIICHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD., JP
[85] 2018-08-16
[86] 2017-02-15 (PCT/JP2017/005500)
[87] (WO2017/141955)
[30] JP (2016-028725) 2016-02-18

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[51] **Int.Cl. H04W 72/00 (2009.01) H04W 28/00 (2009.01)**
[25] EN
[54] **IMPROVED COEXISTENCE OF DELAY-TOLERANT AND DELAY-SENSITIVE SESSIONS**
[54] **COEXISTENCE AMELIOREE DE SESSIONS TOLERANTES AU RETARD ET SENSIBLES AU RETARD**
[72] STEPHENNE, ALEX, CA
[72] GHIMIRE, JAGADISH, CA
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-08-16
[86] 2016-04-14 (PCT/IB2016/052141)
[87] (WO2017/141082)
[30] US (62/296,937) 2016-02-18

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4355 (2006.01) A61K 31/444 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61P 3/10 (2006.01) A61P 43/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **5-PHENYLAZAINDOLE DERIVATIVE HAVING AMPK-ACTIVATING ACTIVITY**
[54] **DERIVE 5-PHENYLAZAINDOLE POSSEDANT UN EFFET D'ACTIVATION DE L'AMPK**
[72] TAMURA, YUUSUKE, JP
[72] OZASA, HIROKI, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2018-08-16
[86] 2017-02-24 (PCT/JP2017/006984)
[87] (WO2017/146186)
[30] JP (2016-035014) 2016-02-26

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **STEERING DISTRIBUTIONS FOR CONNECTIONS FROM ONLINE CAMPAIGNS OF UNIQUELY IDENTIFIABLE OBJECTS (UIOS) BASED ON PREDICTED DISTRIBUTIONS**
[54] **DIRECTION DE DISTRIBUTIONS CONCERNANT DES CONNEXIONS A PARTIR DE CAMPAGNES EN LIGNE D'OBJETS IDENTIFIABLES DE MANIERE UNIQUE (UIO) SUR LA BASE DE DISTRIBUTIONS PREDITES**
[72] SHAFER, LANCE TIMOTHY, CA
[72] CHARNEY, JEREMY RYAN, CA
[72] SHORT, LEONARD, US
[72] VUCIC, ROBERT, CA
[72] FEULNER, DENISE, US
[71] LONG TAIL VENTURES INC., CA
[85] 2018-08-16
[86] 2017-01-31 (PCT/IB2017/000152)
[87] (WO2017/149374)
[30] US (15/058,127) 2016-03-01

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[13] A1
[51] **Int.Cl. B32B 5/26 (2006.01) G10K 11/16 (2006.01)**
[25] EN
[54] **LAMINATE**
[54] **STRATIFIE**
[72] SAKAI, KENICHI, JP
[72] KAJIYAMA, HIROSHI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-08-16
[86] 2017-03-29 (PCT/JP2017/012882)
[87] (WO2017/170686)
[30] JP (2016-070884) 2016-03-31

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[13] A1
[51] **Int.Cl. B23K 35/30 (2006.01) B23K 10/02 (2006.01) C22C 19/05 (2006.01) C22C 30/00 (2006.01) C22C 38/00 (2006.01) C22C 38/50 (2006.01)**
[25] EN
[54] **ALLOY FOR OVERLAY WELDING, POWDER FOR WELDING, AND REACTION TUBE**
[54] **ALLIAGE POUR SOUDAGE PAR RECOUVREMENT, POUDRE DE SOUDAGE ET TUBE DE REACTION**
[72] MATSUBARA, MOTOYUKI, JP
[72] HASHIMOTO, KUNIHIDE, JP
[72] YAMAGUCHI, HIROSHI, JP
[72] TOMITA, MASAYUKI, JP
[71] KUBOTA CORPORATION, JP
[85] 2018-08-16
[86] 2017-10-04 (PCT/JP2017/036070)
[87] (WO2018/088069)
[30] JP (2016-219085) 2016-11-09
[30] JP (2016-219086) 2016-11-09

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[13] A1
[51] **Int.Cl. C23C 8/14 (2006.01) B22D 29/00 (2006.01) B23K 35/30 (2006.01) C22C 19/05 (2006.01) C22C 38/00 (2006.01) C22C 38/40 (2006.01) C22C 38/60 (2006.01)**
[25] EN
[54] **TUBE BODY THAT IS TO BE USED IN HIGH-TEMPERATURE ATMOSPHERE AND METHOD FOR FORMING METAL OXIDE LAYER ON INNER SURFACE OF TUBE BODY**
[54] **CORPS TUBULAIRE UTILISE SOUS UNE ATMOSPHERE A HAUTE TEMPERATURE ET PROCEDE DE FORMATION D'UNE COUCHE D'OXYDE METALLIQUE SUR LA SURFACE INTERNE D'UN CORPS TUBULAIRE**
[72] MATSUBARA, MOTOYUKI, JP
[72] HASHIMOTO, KUNIHIDE, JP
[72] YAMAGUCHI, HIROSHI, JP
[72] TOMITA, MASAYUKI, JP
[71] KUBOTA CORPORATION, JP
[85] 2018-08-16
[86] 2017-10-04 (PCT/JP2017/036071)
[87] (WO2018/088070)
[30] JP (2016-219087) 2016-11-09

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[51] **Int.Cl. A01N 43/56 (2006.01) A01N 25/00 (2006.01) A01N 25/04 (2006.01) A01N 25/14 (2006.01) A01N 43/713 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **SYNERGISTIC FUNGICIDAL COMPOSITION FOR CONTROLLING PLANT DISEASES**
[54] **COMPOSITION FONGICIDE SYNERGIQUE POUR LUTTER CONTRE DES MALADIES DE PLANTE**
[72] KIGUCHI, SO, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2018-08-16
[86] 2017-03-10 (PCT/JP2017/009710)
[87] (WO2017/155086)
[30] JP (2016-048171) 2016-03-11

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[13] A1
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 31/4184 (2006.01)**
[25] EN
[54] **PREPARATION CONTAINING ESOMEPRAZOLE**
[54] **PREPARATION CONTENANT DE L'ESOMEPRAZOLE**
[72] KIM, JUNG JU, KR
[72] KUK, YUN MO, KR
[72] SON, HYUNG MIN, KR
[71] YOO YOUNG PHARM CO.,LTD., KR
[85] 2018-08-16
[86] 2017-01-17 (PCT/KR2017/000550)
[87] (WO2017/150803)
[30] KR (10-2016-0024669) 2016-02-29

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[13] A1
[51] **Int.Cl. A47C 3/12 (2006.01) A47C 7/28 (2006.01)**
[25] EN
[54] **SHELL FOR SEATS, AND CORRESPONDING METHOD**
[54] **COQUE POUR SIEGES, ET PROCEDE CORRESPONDANT**
[72] GRANZOTTO, PIERANGELO, IT
[71] TORRE S.R.L., IT
[85] 2018-08-16
[86] 2017-02-24 (PCT/IB2017/051090)
[87] (WO2017/145114)
[30] IT (102016000019159) 2016-02-24

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[13] A1
[51] **Int.Cl. C08G 77/04 (2006.01) B29C 33/64 (2006.01) C08L 83/04 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **SILOXANE MONOMER, COMPOSITION FOR PREPARATION OF SILICONE HYDROGEL LENS CONTAINING SAME, AND SILICONE HYDROGEL LENS**
[54] **MONOMERE DE SILOXANE, COMPOSITION POUR LA PREPARATION D'UNE LENTILLE EN HYDROGEL DE SILICONE LE CONTENANT, ET LENTILLE EN HYDROGEL DE SILICONE**
[72] HYUN, SANG IL, KR
[72] LEE, SOO CHANG, KR
[72] OH, KYUNG HEE, KR
[72] SHIN, DONG HUN, KR
[71] INTEROJO INC., KR
[85] 2018-08-16
[86] 2017-02-17 (PCT/KR2017/001759)
[87] (WO2017/142343)
[30] KR (10-2016-0018978) 2016-02-18
[30] KR (10-2017-0021250) 2017-02-16

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[54] **PREDICTIVE MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE PREDICTIVE**
[72] BARCLAY, JOSEPH, US
[72] KIRBY, BRIAN, US
[71] INFLIGHT WARNING SYSTEMS, INC., US
[85] 2018-08-16
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[87] (WO2017/142685)
[30] US (15/044,473) 2016-02-16

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[51] **Int.Cl. E21B 47/10 (2012.01) E21B 47/06 (2012.01) G01F 1/708 (2006.01) G01F 1/74 (2006.01)**
[25] EN
[54] **A REAL-TIME FLUID MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE FLUIDE EN TEMPS REEL**
[72] NYHAVN, FRIDTJOF, NO
[72] NAKKEN, ERIK IVERSEN, NO
[72] BARBIER, JEAN-CHRISTOPHE, NO
[71] WELLSTARTER AS, NO
[85] 2018-08-16
[86] 2017-02-15 (PCT/NO2017/050039)
[87] (WO2017/131530)
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[51] **Int.Cl. D21H 17/37 (2006.01) D21H 17/06 (2006.01) D21H 17/64 (2006.01) D21H 17/65 (2006.01) D21H 21/20 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCNG PAPER**
[54] **PROCEDE DE PRODUCTION DE PAPIER**
[72] LU, CHEN, US
[72] CHEN, JUNHUA, US
[72] CAMPBELL, CLAYTON, US
[72] ROSENCRANCE, SCOTT, US
[72] RABIDEAU, JENNA SUE, US
[71] KEMIRA OYJ, FI
[85] 2018-08-16
[86] 2016-02-16 (PCT/US2016/018033)
[87] (WO2017/142511)

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[51] **Int.Cl. G06Q 10/08 (2012.01) H04H 20/00 (2009.01) G06Q 20/32 (2012.01) G01C 21/36 (2006.01) H04L 12/28 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUS, AND METHODS FOR SELF-ADJUSTING A BROADCAST SETTING OF A NODE IN A WIRELESS NODE NETWORK**
[54] **SYSTEMES, APPAREIL ET PROCEDES SERVANT A L'AJUSTEMENT AUTOMATIQUE D'UN REGLAGE DE DIFFUSION D'UN N□UD DANS UN RESEAU DE N□UDS SANS FIL**
[72] SKAAKSRUD, OLE-PETTER, US
[71] FEDEX CORPORATE SERVICES, INC., US
[85] 2018-08-16
[86] 2017-02-13 (PCT/US2017/017635)
[87] (WO2017/165011)
[30] US (62/312,155) 2016-03-23

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[25] EN
[54] **M□CELLE BASED SYSTEM NUCLEASE ENCAPSULATION FOR IN-VIVO GENE EDITING**
[54] **ENCAPSULATION NUCLEASE DANS UN SYSTEME A BASE DE MICELLES DESTINEE A L'EDITION DE GENE IN VIVO**
[72] DUCHATEAU, PHILIPPE, FR
[72] ZENNOU, VERONIQUE, US
[71] CELLECTIS, FR
[85] 2018-08-16
[86] 2017-02-24 (PCT/EP2017/054264)
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[30] DK (PA 2016 70111) 2016-02-26

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[51] **Int.Cl. F41C 23/14 (2006.01)**
[25] EN
[54] **ADJUSTING DEVICE FOR AN ADJUSTABLE REST FOR A RIFLE STOCK**
[54] **DISPOSITIF DE REGLAGE POUR APPUI REGLABLE DE CROSSE DE FUSIL**
[72] LUNDBACK, MAGNUS, SE
[72] HENRIKSSON, DAVID, SE
[72] FORSLUND, ANDREAS, SE
[71] KALIX TEKNIK AB, SE
[85] 2018-08-16
[86] 2017-02-24 (PCT/EP2017/054405)
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[30] SE (1650257-7) 2016-02-26

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[51] **Int.Cl. B09B 3/00 (2006.01)**
[25] EN
[54] **TWO-STAGE ENERGY-INTEGRATED PRODUCT GAS GENERATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GENERATION DE PRODUIT GAZEUX INTEGRE EN ENERGIE A DEUX ETAGES**
[72] CHANDRAN, RAVI, US
[72] BURCIAGA, DANIEL A., US
[72] LEO, DANIEL MICHAEL, US
[72] FREITAS, SHAWN ROBERT, US
[72] NEWPORT, DAVE G., US
[72] MILLER, JUSTIN KEVIN, US
[72] HARRINGTON, KAITLIN EMILY, US
[72] ATTWOOD, BRIAN CHRISTOPHER, US
[71] THERMOCHEM RECOVERY INTERNATIONAL, INC., US
[85] 2018-08-16
[86] 2016-02-16 (PCT/US2016/018117)
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[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/08 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PERFORMING PUSH TRANSACTIONS**
[54] **SYSTEMES ET PROCEDES DE TRANSACTIONS DE DISTRIBUTION**
[72] KUMAR, SATISH, SG
[72] SAMANTARAY, DEBABRATA, SG
[72] BALAKRISHNAN NAIR, BIBIN, SG
[72] SAHU, AJIT, SG
[72] GOPALAKRISHNAN, KAUSHIK, SG
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2018-08-16
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[51] **Int.Cl. A61K 31/5513 (2006.01) A61K 31/00 (2006.01) A61K 31/444 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING SUBSTANCE ABUSE DISORDERS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE TROUBLES DE TOXICOMANIE**
[72] DETKE, MICHAEL, US
[72] GLOFF, CAROL, US
[72] STRAUB, JULIE, US
[71] EMBERA NEUROTHERAPEUTICS, INC., US
[85] 2018-08-16
[86] 2017-02-16 (PCT/US2017/018128)
[87] (WO2017/143034)
[30] US (62/295,873) 2016-02-16

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[25] EN
[54] **PERSONALIZED FOOD FOR DYSPHAGIA MANAGEMENT**
[54] **NOURRITURE PERSONNALISEE POUR PRISE EN CHARGE DE LA DYSPHAGIE**
[72] LE REVEREND, BENJAMIN, FR
[72] BURBIDGE, ADAM, CH
[72] RAMAIOLI, MARCO, GB
[72] ENGMANN, JAN, CH
[71] NESTEC S.A., CH
[85] 2018-08-16
[86] 2017-03-02 (PCT/EP2017/054850)
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[25] EN
[54] **CONTAINERIZED SYSTEM FOR MIXING DRY ADDITIVES WITH BULK MATERIAL**
[54] **SYSTEME CONTENEURISE POUR MELANGER DES ADDITIFS SECS A UN MATERIAU EN VRAC**
[72] LUCAS, BRYAN CHAPMAN, US
[72] WARREN, WESLEY JOHN, US
[72] STEGEMOELLER, CALVIN L., US
[72] SCHAFFNER, AUSTIN CARL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-08-16
[86] 2016-05-24 (PCT/US2016/033949)
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[13] A1
[51] **Int.Cl. E21B 10/22 (2006.01) F16C 19/22 (2006.01) F16C 33/36 (2006.01)**
[25] EN
[54] **BEARINGS FOR DOWNHOLE TOOLS, DOWNHOLE TOOLS INCORPORATING SUCH BEARINGS, AND RELATED METHODS**
[54] **PALIERS POUR OUTILS DE FOND DE TROU, OUTILS DE FOND DE TROU INCORPORANT DE TELS PALIERS ET PROCEDES S'Y RAPPORTANT**
[72] BOMIDI, JOHN ABHISHEK RAJ, US
[72] SCHRODER, JON DAVID, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-08-16
[86] 2017-02-16 (PCT/US2017/018159)
[87] (WO2017/143056)
[30] US (15/047,338) 2016-02-18

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[51] **Int.Cl. G01N 29/04 (2006.01) E21B 33/04 (2006.01) G01P 5/10 (2006.01)**
[25] EN
[54] **RESTIMULATION PROCESS USING COILED TUBING AND FIBER OPTICS**
[54] **PROCEDE DE RESTIMULATION UTILISANT UN TUBE ENROULE ET DES FIBRES OPTIQUES**
[72] RUHLE, WILLIAM OWEN ALEXANDER, US
[72] GULLICKSON, GEOFFREY, US
[72] SAHDEV, NEHA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-08-16
[86] 2016-06-10 (PCT/US2016/036984)
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[51] **Int.Cl. C10L 1/16 (2006.01) C10L 1/24 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING TIER 3 REFERENCE FUEL**
[54] **PROCEDE DE PREPARATION DE CARBURANT DE REFERENCE DE NIVEAU 3**
[72] MATHUR, INDRESH, US
[72] OVERAKER, MARK, HENDRON, US
[71] JOHANN HALTERMANN LIMITED, US
[85] 2018-08-16
[86] 2016-10-12 (PCT/US2016/056544)
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[30] US (15/048,097) 2016-02-19

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[51] **Int.Cl. A61B 46/20 (2016.01) A61F 13/02 (2006.01) B32B 3/26 (2006.01)**
[25] EN
[54] **MEDICAL DRAPE**
[54] **CHAMPS MEDICAUX**
[72] GALBIERZ, THOMAS R., US
[72] GALBIERZ, MICHAEL A., US
[71] GALBIERZ, THOMAS R., US
[71] GALBIERZ, MICHAEL A., US
[85] 2018-08-16
[86] 2017-02-16 (PCT/US2017/018171)
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[30] US (62/296,988) 2016-02-18

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[13] A1
[51] **Int.Cl. A61K 35/17 (2015.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION IMMUNE THERAPY AND CYTOKINE CONTROL THERAPY FOR CANCER TREATMENT**
[54] **ASSOCIATION D'UNE IMMUNOTHERAPIE ET D'UNE THERAPIE DE CONTROLE DES CYTOKINES POUR LE TRAITEMENT DU CANCER**
[72] NOVIK, SHAI, IL
[72] MEVORACH, DROR, IL
[71] ENLIVEX THERAPEUTICS LTD., IL
[85] 2018-08-16
[86] 2017-02-15 (PCT/IL2017/050196)
[87] (WO2017/141243)
[30] US (62/296,622) 2016-02-18
[30] US (62/370,741) 2016-08-04

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[13] A1
[51] **Int.Cl. C07H 21/04 (2006.01) C07K 14/00 (2006.01) C07K 14/435 (2006.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY**
[54] **POLYTHERAPIE**
[72] GOEL, HIRA LAL, US
[72] MERCURIO, ARTHUR M., US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2018-08-16
[86] 2017-02-16 (PCT/US2017/018179)
[87] (WO2017/143070)
[30] US (62/297,119) 2016-02-18

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[13] A1
[51] **Int.Cl. A01N 37/42 (2006.01) A01N 37/44 (2006.01) A01P 1/00 (2006.01) A01P 13/02 (2006.01)**
[25] EN
[54] **NON-PROTEIN PHENYLALANINE ANALOGUES FOR INHIBITING CYANOBACTERIA AND PLANT GROWTH**
[54] **ANALOGUES DE PHENYLALANINE NON PROTEIQUES POUR INHIBER LA CROISSANCE VEGETALE ET DE CYANOBACTERIES**
[72] SAFRO, MARK, IL
[72] KLIPCAN, LIRON, IL
[72] OSTERSETZER-BIRAN, OREN, IL
[72] ZER, HAGIT, IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2018-08-16
[86] 2017-02-16 (PCT/IL2017/050209)
[87] (WO2017/141253)
[30] US (62/295,600) 2016-02-16
[30] US (62/376,443) 2016-08-18

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[51] **Int.Cl. A47L 17/06 (2006.01) A47L 13/10 (2006.01)**
[25] EN
[54] **CLEANING TOOL WITH REMOVABLE SOCK**
[54] **OUTIL DE NETTOYAGE A CHAUSSETTE AMOVIBLE**
[72] WEILAGE, HOPE, US
[72] GILBERTSON, SARAH, US
[71] ECOLAB USA INC., US
[85] 2018-08-16
[86] 2017-02-16 (PCT/US2017/018184)
[87] (WO2017/143072)
[30] US (62/296,175) 2016-02-17

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[51] **Int.Cl. G06Q 50/22 (2018.01) A61J 7/00 (2006.01) A61J 7/04 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **SYSTEMS FOR TRACKING MEDICATIONS**
[54] **SYSTEMES DE SUIVI DE MEDICAMENTS**
[72] HERSCHKOWITZ, SAMUEL, US
[72] HERZIG, ABBY, US
[72] KORNBERG, JOSHUA, US
[72] FEIN, SEYMOUR, US
[72] ADLER, DEBORAH, US
[72] FREITAG, ERIC, US
[72] PASCAZIO, ROBERT R., US
[72] CHIN, MATTHEW, US
[72] BROWN, GARETH, US
[72] KAES, STEPHEN, US
[72] YOSHIMOTO, TROY, US
[72] DHOLAKIA, RITIK, US
[72] KLODGINSKI, MIKE, US
[72] UONG, KHOI, US
[72] WOO, ERIN, US
[72] GELARDI, PEPIN, US
[72] ULLRICH, THEODORE, US
[71] ABOVE THE FOLD, LLC, US
[85] 2018-08-16
[86] 2017-02-16 (PCT/US2017/018222)
[87] (WO2017/143098)
[30] US (62/295,973) 2016-02-16

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[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A24F 47/00 (2006.01) A61M 15/06 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **AN INHALER**
[54] **INHALATEUR**
[72] MORRIS, STEPHEN WYNFORD, GB
[72] HACKETT, DAVID, GB
[71] KIND CONSUMER LIMITED, GB
[85] 2018-08-16
[86] 2017-02-13 (PCT/GB2017/050377)
[87] (WO2017/141018)
[30] GB (1602939.9) 2016-02-19

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[13] A1
[51] **Int.Cl. A47F 3/04 (2006.01)**
[25] EN
[54] **REFRIGERATED DISPLAY CASE AND NIGHT COVER THEREFOR**
[54] **VITRINE REFRIGEREE ET SON COUVERCLE DE NUIT**
[72] GREEN, COLIN, GB
[71] THERMASOLUTIONS INTERNATIONAL LIMITED, GB
[85] 2018-08-16
[86] 2018-02-02 (PCT/GB2018/050310)
[87] (WO2018/142155)
[30] EP (PCT/EP2017/052384) 2017-02-03
[30] GB (1708931.9) 2017-06-05
[30] GB (1719553.8) 2017-11-24

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[13] A1
[51] **Int.Cl. A61B 8/12 (2006.01) A61B 8/00 (2006.01) A61M 25/00 (2006.01) B06B 1/06 (2006.01)**
[25] EN
[54] **SYSTEMS WITH SONIC VISUALIZATION CAPABILITY**
[54] **SYSTEMES PRESENTANT UNE CAPACITE DE VISUALISATION SONIQUE**
[72] WOOD, MARK D., US
[72] AQUILINO, PAUL D., US
[72] HARTMAN, RYAN, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2018-08-16
[86] 2017-02-17 (PCT/US2017/018317)
[87] (WO2017/143151)
[30] US (62/296,656) 2016-02-18

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[13] A1
[51] **Int.Cl. A61B 5/055 (2006.01) A61B 5/05 (2006.01) A61B 6/04 (2006.01) A61B 8/08 (2006.01) G01R 33/28 (2006.01) H01F 7/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR RAPID AND COMFORTABLE MAGNETIC IMAGING OF BREAST TISSUES, WITH CULTURAL SENSITIVITY**
[54] **APPAREIL ET PROCEDE D'IMAGERIE MAGNETIQUE RAPIDE ET CONFORTABLE DE TISSUS MAMMAIRES, AVEC SENSIBILITE CULTURELLE**
[72] WEINBERG, IRVING, US
[72] NACEV, ALEKSANDAR NELSON, US
[71] WEINBERG MEDICAL PHYSICS, INC., US
[85] 2018-08-16
[86] 2017-02-13 (PCT/US2017/017669)
[87] (WO2017/142838)
[30] US (62/296,344) 2016-02-17

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[51] **Int.Cl. G08B 21/20 (2006.01) A61F 13/42 (2006.01)**
[25] EN
[54] **PATIENT MOVEMENT AND INCONTINENCE NOTIFICATION DEVICES**
[54] **DISPOSITIFS DE NOTIFICATION D'INCONTINENCE ET DE MOUVEMENT DE PATIENT**
[72] EDDY, PATRICK E., US
[72] KILCRAN, MICHAEL, US
[71] PARASOL MEDICAL LLC, US
[85] 2018-08-16
[86] 2017-02-17 (PCT/US2017/018328)
[87] (WO2017/143159)
[30] US (62/296,201) 2016-02-17

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[51] **Int.Cl. A23L 33/10 (2016.01) A23K 10/30 (2016.01) A61K 36/05 (2006.01)**
[25] EN
[54] **NUTRITIONAL SUPPORT FOR ANIMALS VIA ADMINISTRATION OF AN ALGAL DERIVED SUPPLEMENT**
[54] **SOUTIEN NUTRITIONNEL D'ANIMAUX PAR ADMINISTRATION D'UN SUPPLEMENT A BASE D'ALGUES**
[72] DAHL, ANDREW A., US
[72] STEFFEK, AMY E., US
[71] ZIVO BIOSCIENCE, INC., US
[85] 2018-08-16
[86] 2017-02-15 (PCT/US2017/017906)
[87] (WO2017/142906)
[30] US (62/295,976) 2016-02-16
[30] US (62/457,566) 2017-02-10

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[51] **Int.Cl. A62B 1/08 (2006.01) A62B 1/12 (2006.01) A62B 35/00 (2006.01)**
[25] EN
[54] **LINE RETRACTION DEVICE HAVING A DAMPER ASSEMBLY**
[54] **DISPOSITIF DE RETRACTION DE LIGNE COMPRENANT UN ENSEMBLE AMORTISSEUR**
[72] HETRICH, MITCHELL H., US
[71] MSA TECHNOLOGY, LLC, US
[85] 2018-08-16
[86] 2017-02-21 (PCT/US2017/018678)
[87] (WO2017/151349)
[30] US (15/058,458) 2016-03-02

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[51] **Int.Cl. C09J 183/04 (2006.01) C08L 83/04 (2006.01)**
[25] EN
[54] **SELECTIVE ADHESION SILICONE RUBBER**
[54] **CAOUTCHOUC SILICONE A ADHERENCE SELECTIVE**
[72] BEYER, PATRICK, DE
[72] DINNINGER, CHAD, US
[72] GIBAS, ROGER, US
[72] KENNAN, JOHN, US
[72] WOLF, HANS PETER, DE
[71] DOW SILICONES CORPORATION, US
[85] 2018-08-16
[86] 2017-02-21 (PCT/US2017/018687)
[87] (WO2017/147061)
[30] US (62/298,499) 2016-02-23

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[51] **Int.Cl. E21B 44/04 (2006.01) E21B 47/00 (2012.01) G01L 3/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MEASURING BENDING, WEIGHT ON BIT AND TORQUE ON BIT WHILE DRILLING**
[54] **SYSTEMES ET PROCEDES POUR LA MESURE DE LA FLEXION, DU POIDS SUR LE TREPAN ET DU COUPLE SUR LE TREPAN PENDANT LE FORAGE**
[72] JUNG, SEBASTIAN, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-08-16
[86] 2017-02-15 (PCT/US2017/017931)
[87] (WO2017/142922)
[30] US (15/047,921) 2016-02-19

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[51] **Int.Cl. G01J 3/50 (2006.01) G01J 3/46 (2006.01)**
[25] EN
[54] **SIMPLIFIED TEXTURE COMPARISON ENGINE**
[54] **MOTEUR DE COMPARAISON DE TEXTURE SIMPLIFIE**
[72] NEISEN, PENNY, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-08-16
[86] 2017-02-17 (PCT/US2017/018336)
[87] (WO2017/143165)
[30] US (15/047,982) 2016-02-19

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[13] A1
[51] **Int.Cl. G08G 1/095 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING TRAFFIC CONGESTION RELIEF USING DYNAMIC LIGHTED ROAD LANE MARKINGS**
[54] **SYSTEME ET PROCEDE POUR REALISER LE SOULAGEMENT D'UN ENCOMBREMENT DE LA CIRCULATION EN UTILISANT DES MARQUAGES DE LA CHAUSSEE ECLAIRES DYNAMIQUEMENT**
[72] SOLTESZ, JAMES A., US
[72] GUCKERT, JOHN WES, US
[71] SOLTESZ, JAMES A., US
[85] 2018-08-16
[86] 2017-02-15 (PCT/US2017/017961)
[87] (WO2017/142942)
[30] US (62/297,708) 2016-02-19
[30] US (15/094,446) 2016-04-08
[30] US (15/257,495) 2016-09-06

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[25] EN
[54] **ADAPTIVE LADAR RECEIVER**
[54] **RECEPTEUR LIDAR ADAPTATIF**
[72] DUSSAN, LUIS, US
[72] STEINHARDT, ALLAN, US
[72] COOK, DAVID, US
[71] AEYE, INC., US
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[86] 2017-02-17 (PCT/US2017/018415)
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[54] **SYSTEME ET PROCEDE D'ENLEVEMENT D'UN ENTRAINEMENT DE PRESSE A ROULEAUX**
[72] UDY, DAVID, US
[71] FLSMIDTH A/S, DK
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[25] EN
[54] **RESERVE POWER AND CONTROL FOR LIGHT SOURCES IN A LIGHT FIXTURE**
[54] **ALIMENTATION DE RESERVE ET COMMANDE POUR SOURCES LUMINEUSES D'UN APPAREIL D'ECLAIRAGE**
[72] ZHANG, HUI, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **DIAGNOSING MILD COGNITIVE IMPAIRMENT (MCI), PREDICTING ALZHEIMER'S DISEASE (AD) DEMENTIA ONSET, AND SCREENING AND MONITORING AGENTS FOR TREATING MCI OR PREVENTING DEMENTIA ONSET**
[54] **DIAGNOSTIC D'UN TROUBLE COGNITIF LEGER (TCL), PREDICTION DU DEBUT DE LA DEMENCE DE LA MALADIE D'ALZHEIMER (MA) ET CRIBLAGE ET SUIVI D'AGENTS POUR LE TRAITEMENT D'UN TCL OU LA PREVENTION DU DEBUT D'UNE DEMENCE**
[72] CHIRILA, FLORIN V., US
[72] ALKON, DANIEL L., US
[71] THE WEST VIRGINIA UNIVERSITY BOARD OF GOVERNORS ON BEHALF OF WEST VIRGINIA UNIVERSITY, US
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[54] **AROMATIC ALKYLATION USING CHEMICALLY-TREATED SOLID OXIDES**
[54] **ALKYLATION AROMATIQUE AU MOYEN D'OXYDES SOLIDES TRAITES CHIMIQUEMENT**
[72] YANG, QING, US
[72] MCDANIEL, MAX, US
[72] KILGORE, URIAH, US
[72] HLAVINKA, MARK, US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2018-08-16
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[54] **FORMALDEHYDE-SCAVENGING COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT DE PIEGEAGE DE FORMALDEHYDE**
[72] CHEN, XIAORUI, CN
[72] GAN, YANCHANG, CN
[72] TAN, YONGZHI, CN
[72] ZHOA, XI, CN
[72] DUAN, GANG, US
[71] SWIMC LLC, US
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR CNS DELIVERY OF ARYLSULFATASE A**
[54] **METHODES ET COMPOSITIONS POUR L'ADMINISTRATION AU SYSTEME NERVEUX CENTAL D'ARYLSULFATASE A**
[72] WASILEWSKI, MARGARET, US
[72] WIJATYK, ANNA, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
[85] 2018-08-16
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[54] **METHOD OF MANUFACTURING AN IMPLANTABLE NEURAL ELECTRODE INTERFACE PLATFORM**
[54] **PROCEDE DE FABRICATION D'UNE PLATEFORME D'INTERFACE D'ELECTRODE NEURALE IMPLANTABLE**
[72] BURNS IV, JOHN, US
[72] GRAINGER, JULIANNE, US
[72] MCLAUGHLIN, BRYAN, US
[72] SRIRAM, TIRUNELVELI S., US
[72] LACHAPELLE, JOHN, US
[71] THE CHARLES STARK DRAPER LABORATORY, INC., US
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[25] EN
[54] **GENERATION OF PHASED READ-SETS FOR GENOME ASSEMBLY AND HAPLOTYPE PHASING**
[54] **PRODUCTION D'ENSEMBLES DE LECTURE EN PHASE SERVANT A L'ASSEMBLAGE DU GENOME ET LA MISE EN PHASE D'HAPLOTYPE**
[72] GREEN, RICHARD E., JR., US
[72] ROKHSAR, DANIEL S., US
[72] HARTLEY, PAUL, US
[72] BLANCHETTE, MARCO, US
[71] DOVETAIL GENOMICS, LLC, US
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[54] **ROTOR ASSEMBLY OF AN ELECTRIC MOTOR**
[54] **ENSEMBLE ROTOR D'UN MOTEUR ELECTRIQUE**
[72] ZHONG, PING PETER, US
[71] MOOG INC., US
[85] 2018-08-16
[86] 2017-02-17 (PCT/US2017/018449)
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[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING SAFETY AND SECURITY THREATS IN SOCIAL MEDIA CONTENT**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'IDENTIFIER DES MENACES POUR LA SURETE ET LA SECURITE DANS UN CONTENU DE MEDIA SOCIAL**
[72] REISCHER, ANDREW J., US
[72] ORRANGE, JOHN, US
[72] BRIGHTWELL, SCOTT, US
[72] RIEMER, LEXI, US
[72] CONAHAN, NATASHA, US
[71] SOCIAL SENTINEL, INC., US
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[25] EN
[54] **EUKARYOTIC CELLS WITH ARTIFICIAL ENDOSYMBIONTS FOR MONITORING DURATION AND PERSISTENCE OF THE EUKARYOTIC CELL**
[54] **CELLULES EUCARYOTES A ENDOSYMBIOSES ARTIFICIELLES POUR SURVEILLER LA DUREE ET LA PERSISTANCE DE CELLULE EUCARYOTE**
[72] BELL III, CALEB, US
[71] BELL BIOSYSTEMS, INC., US
[85] 2018-08-16
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[54] **COLOR AND TEXTURE MATCH RATINGS FOR OPTIMAL MATCH SELECTION**
[54] **EVALUATIONS DE CORRESPONDANCE DE COULEUR ET DE TEXTURE EN VUE D'UNE SELECTION DE CORRESPONDANCE OPTIMALE**
[72] BEYMORE, PAUL MICHAEL, US
[72] NEISEN, PENNY, US
[72] KIMBRO, MARY, US
[72] PEREKSTA, JAMES G., US
[72] PONDELIK, THOMAS, US
[71] PPG INDUSTRIES OHIO, INC., US
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[54] **BONE GRAFT AND METHOD OF MAKING AND USING SAME**
[54] **GREFFE OSSEUSE ET SON PROCEDE DE FABRICATION ET D'UTILISATION**
[72] EVANS, MARK, US
[72] PHELPS, DENNIS, US
[72] CHEN, JINGSONG, US
[71] LIFENET HEALTH, US
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[54] **DATA PROTECTION USING VIRTUAL RESOURCE VIEWS**
[54] **PROTECTION DE DONNEES A L'AIDE DE VUES VIRTUELLES DE RESSOURCES**
[72] CHRISTODORESCU, MIHAI, US
[72] DHURJATI, DINAKAR, US
[72] ISLAM, NAYEEM, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **REFRIGERATED MERCHANDISE DISPLAY SYSTEM**
[54] **SYSTEME DE PRESENTATION DE MARCHANDISES REFRIGERE**
[72] STOLARZ, CHRISTIAN, US
[72] NOOLI, PRAVEEN KUMAR, US
[72] LIM, STEPHEN, US
[72] BROEN, MARTIN, US
[71] PEPSICO, INC., US
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[25] EN
[54] **TREATMENT OF PATIENTS WITH HOMOZYGOUS FAMILIAL HYPERCHOLESTEROLEMIA ON LIPID-LOWERING THERAPY**
[54] **TRAITEMENT DE PATIENTS ATTEINTS D'HYPERCHOLESTEROLEMIE FAMILIALE HOMOZYGOTE ET SUIVANT UN TRAITEMENT HYPOLIPEMIANT**
[72] BISGAIER, CHARLES L., US
[71] GEMPHIRE THERAPEUTICS INC., US
[85] 2018-08-16
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[25] EN
[54] **POLE MILL OPTIMIZER**
[54] **OPTIMISEUR DE DEBITEUR DE POTEAUX**
[72] O'NEAL, LENFIELD RICHY, US
[72] BREWER, WILLIAM BRADFORD, US
[72] WALLER, DOUGLAS STEVEN, US
[71] POLE MILL OPTIMIZER LLC, US
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[51] **Int.Cl. C12N 9/52 (2006.01) C12N 9/64 (2006.01)**
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[54] **SORTASE-MODIFIED MOLECULES AND USES THEREOF**
[54] **MOLECULES MODIFIEES PAR SORTASE ET UTILISATIONS DE CELLES-CI**
[72] LIN, XINJIAN, US
[72] SHANG, XIYING, US
[72] HOWELL, STEPHEN B., US
[71] RESEARCH DEVELOPMENT FOUNDATION, US
[85] 2018-08-16
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[25] EN
[54] **DISPLAY CASE DOOR ASSEMBLY WITH TEMPERED GLASS VACUUM PANEL**
[54] **ENSEMBLE PORTE DE VITRINE DOTE D'UN PANNEAU A VIDE EN VERRE TREMPE**
[72] ARTWOHL, PAUL J., US
[72] NICHOLSON, JEFFERY W., US
[72] ROLEK, MATTHEW, US
[72] SANDNES, MARK, US
[71] ANTHONY, INC., US
[85] 2018-08-16
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[54] **AEROSOL ANTIDANDRUFF COMPOSITION**
[54] **COMPOSITION ANTIPELLICULAIRE EN AEROSOL**
[72] RENOCK, SEAN MICHAEL, US
[72] LANE, BRANDON SCOTT, US
[72] JOHNSON, ERIC SCOTT, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **INSULATING CONTAINER**
[54] **CONTENANT ISOLANT**
[72] SCHNEIDER, JOSEPH SCOTT, US
[71] SCHNEIDER, JOSEPH SCOTT, US
[85] 2018-08-16
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[54] **FLEXIBLE MAT FORMING SYSTEM**
[54] **SYSTEME DE FORMATION DE TAPIS SOUPLE**
[72] MOTZ, JAMES G., US
[72] MOTZ, MATTHEW J., US
[71] MOTZ ENTERPRISES, INC., US
[85] 2018-08-16
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[30] US (15/048,539) 2016-02-19

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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 3/06 (2006.01) C07K 16/22 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING OR PREVENTING ATHEROSCLEROSIS BY ADMINISTERING AN INHIBITOR OF ANGPTL3**
[54] **PROCEDES DE TRAITEMENT OU DE PREVENTION DE L'ATHEROSCLEROSE PAR ADMINISTRATION D'UN INHIBITEUR D'ANGPTL3**
[72] GROMADA, JESPER, US
[72] GUSAROVA, VIKTORIA, US
[72] MURPHY, ANDREW J., US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **VALIDATION CRYPTOGRAM FOR INTERACTION**
[54] **CRYPTOGRAMME DE VALIDATION POUR INTERACTION**
[72] LAVENDER, PHILLIP, US
[72] MODI, VIKRAM, US
[72] POWELL, GLENN LEON, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[30] US (62/308,788) 2016-03-15

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[51] **Int.Cl. G07F 17/32 (2006.01) A63F 13/55 (2014.01) G07F 17/34 (2006.01)**
[25] EN
[54] **POSITION-CHANGING ELEMENTS ON A VIDEO SCREEN IN A WAGERING GAME EVENT**
[54] **ELEMENTS CHANGEANT DE POSITION SUR UN ECRAN VIDEO DANS UN EVENEMENT DE JEU DE PARI**
[72] THOMAS, EVAN, US
[72] PETTIE, TROY, US
[71] THOMAS, EVAN, US
[71] PETTIE, TROY, US
[85] 2018-08-16
[86] 2017-02-28 (PCT/US2017/019791)
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[30] US (62/310,982) 2016-03-21
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[51] **Int.Cl. H04N 19/176 (2014.01) H04N 19/126 (2014.01) H04N 19/152 (2014.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR ADAPTIVE CALCULATION OF QUANTIZATION PARAMETERS IN DISPLAY STREAM COMPRESSION**
[54] **APPAREIL ET PROCEDES DE CALCUL ADAPTATIF DE PARAMETRES DE QUANTIFICATION DANS UNE COMPRESSION DE FLUX D'AFFICHAGE**
[72] THIRUMALAI, VIJAYARAGHAVAN, US
[72] JACOBSON, NATAN HAIM, US
[72] JOSHI, RAJAN LAXMAN, US
[71] QUALCOMM INCORPORATED, US
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[54] **RECIPIENT DE DEBRIS DE COMBUSTIBLE NUCLEAIRE**
[72] WELLWOOD, JAY G., US
[72] CARVER, GEORGE C., US
[72] SHTYLMAN, VADIM Z., US
[71] NAC INTERNATIONAL INC., US
[85] 2018-08-16
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[54] **ARTICLE CONTENANT DU GRAPHITE**
[72] SOUTHARD, JOHN, US
[72] WAYNE, RYAN, US
[72] WEBER, THOMAS, US
[71] ADVANCED ENERGY TECHNOLOGIES LLC, US
[85] 2018-08-16
[86] 2017-03-28 (PCT/US2017/024479)
[87] (WO2017/172721)
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[30] US (62/356,818) 2016-06-30
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[25] EN
[54] **ANTIBODIES TO TIGIT**
[54] **ANTICORPS ANTI-TIGIT**
[72] TSO, J. YUN, US
[72] TSURUSHITA, NAOYA, US
[72] DURAMAD, OMAR, US
[71] JN BIOSCIENCES, LLC, US
[71] ABMUNO THERAPEUTICS LLC, US
[85] 2018-08-16
[86] 2017-03-03 (PCT/US2017/020719)
[87] (WO2017/152088)
[30] US (62/304,045) 2016-03-04
[30] US (62/413,025) 2016-10-26

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[51] **Int.Cl. A61M 1/14 (2006.01) A61M 1/16 (2006.01) G01L 19/12 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DETECTING AN OCCLUSION IN A BLOOD CIRCUIT OF A DIALYSIS SYSTEM**
[54] **PROCEDES ET SYSTEMES POUR DETECTER UNE OCCLUSION DANS UN CIRCUIT SANGUIN D'UN SYSTEME DE DIALYSE**
[72] FULKERSON, BARRY NEIL, US
[72] PHAM, NHAN VIET, US
[72] HUANG, ALEC, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2018-08-16
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[30] US (62/305,212) 2016-03-08

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[54] **COMPOSITIONS A BASE D'UN AGONISTE DU RECEPTEUR AUX OPIACES DELTA / ANTAGONISTE DU RECEPTEUR AUX OPIACES MU, ET PROCEDES DE TRAITEMENT DE LA MALADIE DE PARKINSON**
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[54] **MATERIAUX ET PROCEDES AMELIORANT LES PROTOCOLES DE PRISE DE GREFFE DE CELLULES SOUCHES HEMATOPOIETIQUES**
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[72] LI, QINGSHAN, US
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[72] ANSARI, ANSAR, US
[71] BLACKHAWK NETWORK, INC., US
[22] 2011-06-10
[41] 2011-12-22
[62] 2,802,687
[30] US (61/354,470) 2010-06-14
[30] US (61/354,469) 2010-06-14
[30] US (61/360,327) 2010-06-30

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[21] **3,014,345**
[13] A1
[51] **Int.Cl. B29C 49/16 (2006.01) B29C 49/12 (2006.01) B29C 49/70 (2006.01) B29C 49/78 (2006.01)**
[25] EN
[54] **PET CONTAINERS WITH ENHANCED THERMAL PROPERTIES AND PROCESS FOR MAKING SAME**
[54] **RECIPIENTS EN PET PRESENTANT DES PROPRIETES THERMIQUES ACCRUES ET LEUR PROCEDE DE FABRICATION**
[72] SILVERS, KERRY W., US
[72] SCHNEIDER, MARK D., US
[72] BOBROV, SERGEY B., US
[72] EVINS, SAMUEL E., US
[71] GRAHAM PACKAGING PET TECHNOLOGIES INC., US
[22] 2011-12-15
[41] 2012-06-21
[62] 2,820,952
[30] US (13/250,189) 2011-09-30
[30] US (61/424,558) 2010-12-17

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[21] **3,014,348**
[13] A1
[51] **Int.Cl. A63F 13/53 (2014.01) A63F 13/30 (2014.01) A63F 13/355 (2014.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CLOUD PROCESSING AND OVERLAYING OF CONTENT ON STREAMING VIDEO FRAMES OF REMOTELY PROCESSED APPLICATIONS**
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[72] PERRY, DAVID, US
[72] PEREIRA, RUI FILIPE ANDRADE, US
[72] RIMON, NOAM, US
[71] SONY COMPUTER ENTERTAINMENT AMERICA LLC, US
[22] 2013-11-13
[41] 2014-05-22
[62] 2,890,814
[30] US (61/727,370) 2012-11-16
[30] US (13/767,806) 2013-02-14

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[21] **3,014,349**
[13] A1
[51] **Int.Cl. A61B 17/221 (2006.01)**
[25] EN
[54] **RECANALIZATION DEVICE**
[54] **DISPOSITIF DE RECANALISATION**
[72] BATES, MARK C., US
[72] CULLY, EDWARD H., US
[72] WILLIAMS, DAVID M., US
[71] W.L. GORE & ASSOCIATES, INC., US
[22] 2014-03-07
[41] 2014-09-25
[62] 2,900,280
[30] US (61/794,425) 2013-03-15
[30] US (14/198,962) 2014-03-06

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[21] **3,014,408**
[13] A1
[51] **Int.Cl. C10G 75/02 (2006.01) C10G 7/02 (2006.01) G01N 33/28 (2006.01)**
[25] EN
[54] **METHOD OF REDUCING CORROSION IN A CRUDE UNIT**
[54] **PROCEDE DE REDUCTION DE LA CORROSION DANS UNE UNITE DE PRODUCTION DE PETROLE BRUT**
[72] SCATTERGOOD, GLENN L., US
[72] FERGUSON, SAM, US
[71] NALCO COMPANY, US
[22] 2009-11-03
[41] 2010-06-03
[62] 2,741,320
[30] US (12/263,904) 2008-11-03

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[21] **3,014,582**
[13] A1
[51] **Int.Cl. G06F 21/64 (2013.01) G06Q 10/08 (2012.01) G06F 21/62 (2013.01) G06K 7/10 (2006.01)**
[25] EN
[54] **CONTACT-LESS TAG WITH SIGNATURE, AND APPLICATIONS THEREOF**
[54] **ETIQUETTE SANS CONTACT AVEC SIGNATURE ET SES APPLICATIONS**
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[72] YEAP, TET HIN, CA
[72] MURRAY, SEAN MACLEAN, CA
[72] ZLOBEC, SANRO, CA
[71] BCE INC., CA
[22] 2007-12-20
[41] 2009-06-20
[62] 2,851,409

[21] **3,014,607**
[13] A1
[51] **Int.Cl. B29C 39/26 (2006.01) B29C 39/10 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A THERMOSET POLYMER UTILITY VAULT LID**
[54] **METHODE DE FABRICATION D'UN COUVERCLE DE VOUTE UTILITAIRE EN POLYMERE THERMOFIXE**
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[72] ATKINS, THOMAS, US
[72] BEACH, BRIAN ANTHONY, US
[72] GWILLIM, ROBERT, US
[72] NEATE, JOHN A., US
[71] CHANNELL COMMERCIAL CORPORATION, US
[71] PRC COMPOSITES, LLC, US
[22] 2016-03-11
[41] 2016-10-10
[62] 2,923,669
[30] US (14/684,257) 2015-04-10

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[21] **3,014,630**
[13] A1
[51] **Int.Cl. E04G 21/12 (2006.01) B65B 13/02 (2006.01)**
[25] EN
[54] **REINFORCING BAR BINDING MACHINE**
[54] **MACHINE LIEUSE DE BARRES DE RENFORT**
[72] KUSAKARI, ICHIRO, JP
[72] KASAHARA, AKIRA, JP
[71] MAX CO., LTD., JP
[22] 2009-11-12
[41] 2010-06-12
[62] 2,947,247
[30] JP (2008-316889) 2008-12-12
[30] JP (2009-115150) 2009-05-12

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[21] **3,014,633**
[13] A1
[51] **Int.Cl. A61K 47/34 (2017.01) A61K 9/10 (2006.01) A61K 47/22 (2006.01) A61P 27/04 (2006.01)**
[25] EN
[54] **OPHTHALMIC COMPOSITIONS COMPRISING CALCINEURIN INHIBITORS OR MTOR INHIBITORS**
[54] **COMPOSITIONS OPHTALMIQUES COMPRENANT DES INHIBITEURS DE LA CALCINEURINE OU DES INHIBITEURS DE MTOR**
[72] MITRA, ASHIM K., US
[72] VELAGALETI, POONAM R., US
[72] NATESAN, SUBRAMANIAN, US
[71] AURINIA PHARMACEUTICALS INC., CA
[22] 2008-10-08
[41] 2009-04-16
[62] 2,701,482
[30] US (60/997,796) 2007-10-08
[30] US (60/992,205) 2007-12-04
[30] US (61/038,223) 2008-03-20
[30] US (61/099,420) 2008-09-23

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[21] **3,014,648**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **POLYMORPHIC FORMS OF 3-(1-(3-[5-(1-METHYL-PIPERIDIN-4-YIMETHOXY)-PYRIMIDIN-2-YL]-BENZYL)-6-OXO-1,6-DIHYDRO-PYRIDAZIN-3-YL)-BENZONITRLIE HYDROCHIORIDE SALT AND PROCESSES OF MANUFACTURING THEREOF**
[54] **FORMES POLYMORPHES DE SEL DE CHLORHYDRATE DE 3-(1-{3-[5-(1-METHYL-PIPERIDIN-4-YLMETHOXY)-PYRIMIDIN-2-YL]-BENZYL}-6-OXO-1,6-DIHYDRO-PYRIDAZIN-3-YL)-BENZONITRILE ET PROCEDES DE FABRICATION DESDITES FORMES**
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[72] KUEHN, CLEMENS, DE
[72] SAAL, CHRISTOPH, DE
[72] SCHADT, OLIVER, DE
[72] DORSCH, DIETER, DE
[72] BOKEL, HEINZ-HERMANN, DE
[72] STIEBER, FRANK, DE
[72] DONINI, CHRISTINA, DE
[71] MERCK PATENT GMBH, DE
[22] 2009-12-04
[41] 2010-07-15
[62] 2,949,515
[30] EP (09000140.5) 2009-01-08

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[21] **3,014,654**
[13] A1
[51] **Int.Cl. A47L 11/40 (2006.01) A47L 7/00 (2006.01) A47L 11/30 (2006.01) A47L 11/34 (2006.01)**
[25] EN
[54] **SURFACE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE SURFACE**
[72] MOYHER, GEORGE, JR., US
[72] GRAHAM, MICHAEL, US
[71] BISSELL HOMECARE, INC., US
[22] 2013-05-28
[41] 2013-12-01
[62] 2,816,775
[30] US (61/654,281) 2012-06-01

[21] **3,014,694**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 15/16 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **DISTRIBUTING DATA ON DISTRIBUTED STORAGE SYSTEMS**
[54] **DISTRIBUTION DE DONNEES DANS DES SYSTEMES DE MEMORISATION DISTRIBUEE**
[72] CYPHER, ROBERT, US
[72] QUINLAN, SEAN, US
[72] SCHIRRIPA, STEVEN ROBERT, US
[71] GOOGLE LLC, US
[22] 2014-09-24
[41] 2015-06-11
[62] 2,931,665
[30] US (14/097,380) 2013-12-05

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[21] **3,014,814**
[13] A1
[51] **Int.Cl. G06F 21/53 (2013.01) G06F 9/38 (2018.01) G06F 9/455 (2018.01)**
[25] EN
[54] **PARALLEL PROCESSING OF DATA**
[54] **TRAITEMENT PARALLELE DE DONNEES**
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[72] TIGANI, JORDAN, US
[72] ADAMS, STEPHEN R., US
[72] BRADSHAW, ROBERT, US
[72] WEIZENBAUM, NATHAN, US
[72] CHAMBERS, CRAIG D., US
[71] GOOGLE LLC, US
[22] 2011-05-04
[41] 2011-11-10
[62] 2,798,266
[30] US (61/331,148) 2010-05-04
[30] US (12/794,348) 2010-06-04
[30] US (12/959,022) 2010-12-02

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AUTOMATIC BAR CONTROLS, INC. 3,014,646
AVASILOAIE, VALENTIN 3,014,629
AVENT, INC. 3,014,762
AVERY DENNISON CORPORATION 3,014,721
AVILES, MISAEL OMAR 3,014,673
AZIMI, MEHDI 3,014,817
BABEKIR, AMANI 3,014,074
BADMAN, MICHAEL 3,014,731
BADMAN, MICHAEL 3,014,733
BADREDDINE, JAWAD 3,014,855
BAE, JAE HYUN 3,014,740
BAHADUR THAPA, SHYAM 3,014,266
BAHAL, RAMAN 3,014,792
BAHL, KUSHAL 3,014,614
BAILEY, KEVIN 3,014,617
BAKER HUGHES, A GE COMPANY, LLC 3,014,307
BAKER HUGHES, A GE COMPANY, LLC 3,014,770
BAKER HUGHES, A GE COMPANY, LLC 3,014,880
BAKER HUGHES, A GE COMPANY, LLC 3,014,900
BALAKRISHNAN NAIR, BIBIN 3,014,875
BALLESTRERO, ALBERTO 3,014,717
BALMFORTH, BARNABY 3,014,379
BALTER, INC. 3,014,529
BANERJEE, KASHI 3,014,119
BANSAL-MUTALIK, RITU 3,014,625
BANSAL-MUTALIK, RITU 3,014,664
BANTREL CO. 3,014,272
BANTREL CO. 3,014,562
BAO, XIAOMING 3,014,563
BARBIER, JEAN-CHRISTOPHE 3,014,868
BARCLAY, JOSEPH 3,014,867
BARRIERES, FREDERIC 3,014,576
BARRY, SIMON 3,014,674
BARTELS, JEREMY WAYNE 3,014,448
BARTFAI, TAMAS 3,014,832
BARTHOLOMEW, ERIC L. 3,014,721
BASE4 INNOVATION LIMITED 3,014,379
BASF COATINGS GMBH 3,014,261
BASF SE 3,014,262
BASF SE 3,014,326
BASF SE 3,014,684

BASF SE 3,014,685
BATISTA, RUI NUNO 3,014,497
BATISTA, RUI NUNO 3,014,587
BAUER HOCKEY LTD. 3,014,381
BAUER HOCKEY LTD. 3,014,387
BAUER HOCKEY LTD. 3,014,768
BAUMAN, WILLIAM A. 3,014,586
BAUR, FRANZ 3,014,468
BAYER CROPSCIENCE AG 3,014,724
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 3,014,687
BEAUREGARD, MARCO 3,014,381
BECKER, ROGER 3,014,384
BECKNELL, NADINE C. 3,014,432
BECKNELL, NADINE C. 3,014,554
BECTON, DICKINSON AND COMPANY 3,014,617
BECTON, DICKINSON AND COMPANY 3,014,624
BEHRENS, VOLKER 3,014,389
BEHROOZ, ALI 3,014,608
BEIJING DABEINONG BIOTECHNOLOGY CO., LTD. 3,014,563
BEIJING DABEINONG TECHNOLOGY GROUP CO., LTD. 3,014,563
BEJO ZADEN B.V. 3,014,465
BELL BIOSYSTEMS, INC. 3,014,914
BELL III, CALEB 3,014,914
BELLINVIA, SALVATORE 3,014,575
BELLIVEAU, SCOTT M. 3,014,603
BELTRAN, WILLIAM 3,014,671
BENEDETTO, ALESSANDRO 3,014,576
BENGTSSON, TORD 3,014,505
BENJAMIN, SELDON 3,014,545
BENTON, MICHAEL 3,008,433
BENTRUP, MARKUS 3,014,477
BENZ, STEPHEN, CHARLES 3,014,252
BERG, SEBASTIAN 3,014,714
BERGAMI, STEFANO 3,014,519
BERGER, ANDREAS 3,014,175
BERGER, CHRISTOPH 3,014,707
BERGHOUT, JACQUELINE ALIDA MARIA 3,014,743
BERGMANN, MATTHIAS 3,014,384
BERGQVIST, MATTIAS 3,014,491
BESTGEN, LUC 3,014,453
BETHEL, PAUL ALLEN 3,014,357
BETSOLD LIMITED 3,014,396
BEUG, SHAWN T. 3,014,504
BEYER, PATRICK 3,014,847
BEYER, PATRICK 3,014,899
BEYER, RONALD 3,014,253
BEYMORE, PAUL MICHAEL 3,014,915
BHAGWAT, SACHIN SUBHASH 3,014,735
BHARDWAJ, NINA 3,014,427
BHATT, SAUMIL KIRITKUMAR 3,014,012
BHATT, SAUMIL KIRITKUMAR 3,014,014
BHIDE, SIDDHARTH 3,014,625
BHIDE, SIDDHARTH 3,014,664
BICKEL, NATHAN 3,014,585
BIEHL, MARTIN 3,014,843
BIEL, MARTIN 3,014,704
BIOKINE THERAPEUTICS LTD. 3,014,530
BIOLINERX LTD. 3,014,530
BIRD, MARC 3,014,770
BIRENBERG, DMITRY 3,014,655
BISCHER, LUIGINO 3,014,302
BISGAIER, CHARLES L. 3,014,919
BISWAS, GOUTAM 3,014,269
BLANCHETTE, MARCO 3,014,911
BLAU, HELEN M. 3,014,667
BLESSING, DAVID 3,014,762
BLR SLEEPWELL LLC 3,014,422
BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE 3,014,433
BOECKELER, GREGOR 3,014,241
BOLLINGER, KATRINA A. 3,014,791
BOMBARDIER TRANSPORTATION GMBH 3,014,485
BOMIDI, JOHN ABHISHEK RAJ 3,014,880
BONGIANINO, ROSSANA 3,014,550
BONNELY, SAMUEL 3,014,568
BOREALIS AG 3,014,491
BORG, EIRIK 3,014,270
BORGWARD, MARCEL 3,014,843
BORNER, KARSTEN 3,014,705
BORUSZEWSKI, ARTUR 3,014,423
BOSTON SCIENTIFIC SCIMED, INC. 3,014,894
BOTTORF, WILLIAM L. 3,014,721
BOUABOULA, MONSIF 3,014,424
BOWMAN, HEATH 3,014,316
BOX, TYLER WALLACE 3,014,778
BOYD, CARMICHAEL 3,014,589
BOYSEN, SOREN 3,014,502
BP OIL INTERNATIONAL LIMITED 3,014,281
BRADLEY, MATTHEW 3,014,485
BRAUN, RALF 3,014,687
BRAZ FERRO, CLAUDIO 3,014,287
BREWER, WILLIAM BRADFORD 3,014,920
BRIGHTWELL, SCOTT 3,014,913
BRILLIANZE SWEDEN AB 3,014,367
BRIMBLE, MARGARET ANNE 3,014,515
BRINKER, MARK R. 3,014,422
BRITISH AMERICAN TABACCO (INVESTMENTS) LIMITED 3,014,594
BROEDERS, BERT 3,014,491
BROEN, MARTIN 3,014,918
BROLLO, MAURICE 3,014,424
BROWN, GARETH 3,014,891
BRUGGEMANN, NICOLE 3,014,566
BRUNNER, YARON 3,014,552
BRYANT, ANDREW 3,014,371
BUCHMEISER, MICHAEL R. 3,014,258
BUCKLEY, CHRISTOPHER 3,014,277
BUNCE, MATTHEW GALEN 3,014,578
BUNCE, MATTHEW GALEN 3,014,722
BURBIDGE, ADAM 3,014,877
BURCIAGA, DANIEL A. 3,014,874
BURDICK, BRIAN M. 3,014,778
BURGETH, GERALD 3,014,267
BURKHOLZ, JONATHAN KARL 3,014,624
BURNETTE, DOUGLAS WILLIAM 3,014,678
BURNS IV, JOHN 3,014,910
BUSSOLATI, GIOVANNI 3,014,243
BUVAT, PIERRICK 3,014,851
BYERLY, ROY H. 3,014,657
BYRNE, HEATHER 3,014,686
C26 BIOSCIENCE AB 3,014,286
CABRERA, ESTEBAN, JR. 3,014,603
CAELUS PHARMACEUTICALS B.V. 3,014,525
CAFFA, IRENE 3,014,717
CAHEN, ANTOINE 3,014,513
CAJIGA, ALEXANDRA 3,014,291
CAJIGA, JOSE 3,014,291
CAMBON, JEAN-BAPTISTE 3,014,296
CAMBRIDGE ENTERPRISE LIMITED 3,014,548
CAMPBELL, CLAYTON 3,014,869
CAMRIS INTERNATIONAL, INC. 3,014,196
CANTILLON, DANIEL J. 3,014,761
CANTOR, STUART 3,014,760
CAPAT LLC 3,014,291
CAPITAL ONE SERVICES, LLC 3,014,650
CAPOGLU, ILKER R. 3,014,434
CARBON CONVERSIONS, INC. 3,014,638
CARDELLI, JAMES 3,014,433
CARDIN, DANIEL 3,014,819
CARDONES, MICHELLE 3,014,304
CARDONES, MICHELLE 3,014,305
CARL FREUDENBERG KG 3,014,485
CARNEGIE MELLON UNIVERSITY 3,014,792
CARON KARDOS, JEAN-FREDERIK 3,014,768
CARVER, GEORGE C. 3,014,932
CARY, CRAIG 3,014,739
CARY, STEPHEN P.L. 3,014,651
CASALE SA 3,014,359
CASSIDY, MARK 3,014,257
CASTNER, THOMAS 3,014,099
CATALINA NOMINEES PTY. LTD. 3,014,723
CATERPILLAR GLOBAL MINING LLC 3,014,569
CATOVIC, ENEJ 3,013,941
CAULKETT, NIGEL 3,014,502
CECCHINI, SYLVAIN 3,014,683
CELLECTIS 3,014,871
CELLULA ROBOTICS, LTD. 3,014,739
CELLURA, JEFFERY 3,014,686
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 3,014,539

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 3,014,543
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,014,449
CENTRIPETAL NETWORKS, INC. 3,014,165
CEPHALON, INC. 3,014,432
CEPHALON, INC. 3,014,554
CEPPI, FRANCOIS 3,014,568
CERTAL, VICTOR 3,014,424
CEVEC PHARMACEUTICALS GMBH 3,014,480
CFGENOME, LLC 3,014,773
CHAI, XIAO 3,014,184
CHALMERS, ZACHARY R. 3,014,653
CHAN, LAI CHUN 3,014,357
CHANDRAN, RAVI 3,014,874
CHAPARRO, RODOLFO 3,014,458
CHAPARRO, RODOLFO 3,014,466
CHARNEY, JEREMY RYAN 3,014,859
CHARTIER, LEO-MICHEL 3,014,834
CHARTIER, MICHEL 3,014,834
CHATROUX, ANDRE 3,014,054
CHAUDRY, SABIH 3,014,716
CHAVAN, RAJESH 3,014,735
CHEBIYYAM, VENKATA SUBRAHMANYAM CHANDRA SEKHAR 3,014,675
CHEBIYYAM, VENKATA SUBRAHMANYAM CHANDRA SEKHAR 3,014,676
CHEBIYYAM, VENKATA SUBRAHMANYAM CHANDRA SEKHAR 3,014,784
CHEN, CONG 3,014,278
CHEN, FENG-JING 3,014,755
CHEN, GANG 3,014,314
CHEN, JIANLE 3,014,785
CHEN, JIANLE 3,014,790
CHEN, JIN 3,014,731
CHEN, JIN 3,014,733
CHEN, JINGSONG 3,014,916
CHEN, JINHUI 3,014,514
CHEN, JUNHUA 3,014,869
CHEN, WANSHI 3,014,606
CHEN, WANSHI 3,014,782
CHEN, XIAORUI 3,014,908
CHENG, HUI-CHUAN 3,014,765
CHEVRON PHILLIPS CHEMICAL COMPANY LP 3,014,907
CHHABRA, GURVINDER SINGH 3,014,444
CHIEN, WEI-JUNG 3,014,790
CHILDREN'S HOSPITAL OF EASTERN ONTARIO RESEARCH INSTITUTE INC. 3,014,504
CHILDREN'S MEDICAL CENTER CORPORATION 3,014,320
CHILDREN'S MEDICAL CENTER CORPORATION 3,014,498
CHIN, MATTHEW 3,014,891
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 2,996,396
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 3,014,355
CHINTAKINDI, SUNIL 3,014,658
CHIRILA, FLORIN V. 3,014,906
CHIU, HUNGCHANG CALVIN 3,014,686
CHO, HAN NA 3,014,740
CHO, JOONG HEUI 3,014,740
CHO, KWAN HYUNG 3,014,745
CHO, KWAN HYUNG 3,014,753
CHOI, HWAN GEUN 3,014,740
CHOI, SEUNG HYE 3,014,740
CHRAPKO, EVAN V. 3,014,361
CHRISTODORESCU, MIHAI 3,014,917
CHRISTOPH, EIWAN 3,014,805
CHROVIAN, CHRISTA C. 3,014,314
CHUANG, HSIAO-CHIANG 3,014,785
CHURCH, COTY 3,014,845
CICAME ENERGIE INC. 3,014,700
CIDECIYAN, ARTUR 3,014,671
CINAROGLU, HAVVA 3,014,389
CINTAS CORPORATE SERVICES, INC. 3,014,818
CIPLA LIMITED 3,014,411
CLARK, BARRY ALLAN 3,014,642
CLARKE, DON R. 3,014,739
CLEVER CATH TECHNOLOGIES LLC 3,014,598
COATE, HEATHER R. 3,014,314
COCCO, SIMONA 3,014,427
COCO, GEOFFREY P. 3,014,778
COHEN, DAVID L 3,014,756
COHEN, DAVID L 3,014,783
COHEN, DAVID L. 3,014,758
COLL, REBECCA 3,014,487
COLLE, NIELS 3,014,241
COLLINS, ARTHUR JOHN 3,014,749
COLLINS, DAVID FREDERIC 3,014,475
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,014,054
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,014,329
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,014,335
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,014,851
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,014,453
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,014,493
COMROD AS 3,014,300
CONAHAN, NATASHA 3,014,913
CONN, P. JEFFREY 3,014,791
CONNELL, DAVID A. 3,014,730
CONNELLY, CAITLIN F. 3,014,653
CONSADORI, FRANCESCO 3,014,815
CONTINENTAL REIFEN DEUTSCHLAND GMBH 3,014,707
CONWAY, KENNETH ROGER 3,014,584
CONZEN, CARSTEN 3,014,724
COOK, DAVID 3,014,903
COOLEY, ROBERT CHARLES 3,014,356
COOPER, MATTHEW 3,014,487
COOPERATIE AVEBE U.A. 3,014,743
CORBERAN ROC, ROSA 3,014,684
CORBERAN ROC, ROSA 3,014,685
CORDOVEZ, BERNARDO 3,014,099
CORDTS, DETLEF 3,014,485
CORMODE, DAVID 3,014,590
CORNELLCOOKSON, LLC 3,014,312
CORNU, DANIEL 3,014,855
COROCHER, CARLO 3,014,302
COROMINAS, FRANCESC 3,014,330
CORTEN, CATHRIN 3,014,261
CORTEZ, ROGELIO 3,014,316
COSTA, FRANCIS 3,014,491
COTTON, SYMON 3,014,371
COULAS, DAVID 3,014,508
COULSTON, ROGER 3,014,601
COVIDIEN LP 3,014,352
COYLE, ROBERT TERRY, JR. 2,996,766
CRESSWELL, PHILIP 3,014,788
CRONK, PAUL ANDREW 3,014,333
CROSBY, JEFFREY R. 3,013,799
CROSS, DAVID 3,014,568
CROUZET, QUENTIN 3,014,851
CROWE, DAVID MALCOLM 3,014,572
CRUM, EDWARD J. 3,014,321
CSA MEDICAL, INC. 3,014,793
CSP TECHNOLOGIES, INC. 3,014,311
CUBIC PHARMACEUTICALS LTD. 3,014,012
CUBIC PHARMACEUTICALS LTD. 3,014,014
CUE BIOPHARMA, INC. 3,014,458
CUE BIOPHARMA, INC. 3,014,466
CUERRIER, CHARLES MICHEL 3,014,256
CUNNINGHAM, IAN A. 3,014,565
CUNNINGHAM, IAN A. 3,014,570
CURAEGIS TECHNOLOGIES, INC. 3,014,812
CURRAN, PETER 3,014,817
CURTIS, KEVIN 3,014,821
CWIK, TOMASZ 3,014,253
CWIK, TOMASZ 3,014,258
DAEGU-GYEONGBUK MEDICAL INNOVATION FOUNDATION 3,014,740
DAEWOONG PHARMACEUTICAL CO., LTD. 3,014,745
DAEWOONG PHARMACEUTICAL CO., LTD. 3,014,753

DAHL, ANDREW A. 3,014,897
DAIFUKU CO., LTD. 3,014,405
DANA-FARBER CANCER INSTITUTE, INC. 3,014,442
DANDU, REDDEPPA REDDY 3,014,432
DANDU, REDDEPPA REDDY 3,014,554
DAVIS, ANNA LEIGH 3,014,603
DAVIS, BRIAN MICHAEL 3,014,584
DAWDY, DAVID 3,014,312
DAYET, PATRICK 3,014,493
DAYNARD, TIMOTHY S. 3,014,395
DE GROEVE, MANU 3,014,443
DE MEULENAERE, WILLIAM 3,014,661
DE SOUSA MARTINS, DIOGO 3,014,616
DE VILLIERS, JASON PETER 3,014,354
DE VOS, JOURI 3,014,738
DE VOS, WILLEM MEINDERT 3,014,525
DEBIOPHARM INTERNATIONAL S.A. 3,014,541
DECARR, GRAIG EDMUND 3,014,182
DEDMAN, MICHAEL R. 3,014,295
DEEMTER, KENT A. 3,014,322
DEKA PRODUCTS LIMITED PARTNERSHIP 3,014,636
DEKKER, PETER ARNOLDUS 3,014,465
DEL NIDO, PEDRO J. 3,014,320
DELTA PHARMACEUTICALS LTD. 3,014,012
DELTA PHARMACEUTICALS LTD. 3,014,014
DEMATTOS, RONALD B. 3,014,669
DEMERS, JASON A. 3,014,636
DENEGRI, MARCO 3,014,550
DENTSPLY SIRONA INC. 3,014,640
DEONI, SEAN 3,014,832
DESCHENES, CANDIDE 3,014,387
DESHPANDE, SACHIN G. 3,014,162
DESSOLY, VINCENT 3,014,855
DETCON, INC. 3,014,310
DETKE, MICHAEL 3,014,876
DEUL, HANS H.J. 3,014,600
DEUTSCHE INSTITUTE FUR TEXTIL- UND FASERFORSCHUNG DENKENDORF 3,014,253
DEUTSCHE INSTITUTE FUR TEXTIL- UND FASERFORSCHUNG DENKENDORF 3,014,258
DEUTSCHE INSTITUTE FUR TEXTIL- UND FASERFORSCHUNG DENKENDORF 3,014,544
DEVELOPPEMENT EFFENCO INC. 3,014,501
DEXCOM, INC. 3,014,603
DEXCOM, INC. 3,014,678
DHILLON, BRAHAM K. 3,014,284
DHOLAKIA, RITIK 3,014,891
DHURJATI, DINAKAR 3,014,917
DIAMOND INNOVATIONS, INC. 3,014,770
DICK, SASCHA 3,014,339
DICKHANS, WILLIAM J. 3,014,352
DIETRICH, HANSJORG 3,014,687
DIGITAL OUTDOOR LLC 3,014,417
DILLON, DOUGLAS 3,014,178
DING, DERONG 3,014,563
DING, HUIMIN 3,014,508
DING, JIAN 3,014,853
DINNINGER, CHAD 3,014,899
DIPAOLO, BRIAN 3,014,099
DO, BAO TRONG 3,014,426
DODUCO CONTACTS AND REFINING GMBH 3,014,389
DONALDSON FILTRATION DEUTSCHLAND GMBH 3,014,534
DONDERICI, BURKAY 3,014,434
DONG, LIANG 2,996,396
DONG, MIN 3,014,498
DONGRE, CHAITANYA 3,014,337
DOOSAN FUEL CELL AMERICA, INC. 3,014,438
DORSEY, BRUCE D. 3,014,432
DORSEY, BRUCE D. 3,014,554
DOUGLAS, LAWRENCE 3,014,650
DOUROUMIS, DENNIS 3,014,012
DOUROUMIS, DENNIS 3,014,014
DOVETAIL GENOMICS, LLC 3,014,911
DOW GLOBAL TECHNOLOGIES LLC 3,014,540
DOW SILICONES CORPORATION 3,014,847
DOW SILICONES CORPORATION 3,014,899
DOWEL, TERENCE 3,014,456
DRAEGER, RIAN 3,014,603
DRAGOI, ANA-MARIA 3,014,433
DREAMWEAVER INTERNATIONAL, INC. 3,014,170
DRU, DELPHINE 3,014,851
DUAN, CHENLONG 2,996,396
DUAN, GANG 3,014,908
DUC, FABIEN 3,014,511
DUCHARME, MATHIEU 3,014,768
DUCHATEAU, PHILIPPE 3,014,871
DUFFAUT, KENNETH 3,014,747
DUHON, DAVID WALKER 3,014,942
DUNBAR, PETER RODERICK 3,014,515
DUNN, DAVID JAMES CARLOS 3,014,558
DUNN, LAURA J. 3,014,603
DUNN, SANDRA E. 3,014,395
DURAMAD, OMAR 3,014,934
DURAND, CLAIRE 3,014,738
DUSSAN, LUIS 3,014,903
DUSTERHOFT, RONALD GLEN 3,014,599
DVORAK, CURT A. 3,014,314
DWORAK, ADAM JAN 3,014,521
DYE, THAYNE 3,014,388
E.B. ROBINSON LTD. 3,014,242
EAGLE PHARMACEUTICALS, INC. 3,014,755
EARHART, CHRISTOPHER 3,014,099
EARL, RON D. 3,014,441
EARL, RON D. 3,014,447
EATON INTELLIGENT POWER LIMITED 3,014,182
EATON INTELLIGENT POWER LIMITED 3,014,830
EATON INTELLIGENT POWER LIMITED 3,014,905
EBARA CORPORATION 3,014,634
ECKERT, CAMERON 3,014,278
ECKERT, CAMERON 3,014,318
ECKERT, CAMERON 3,014,425
ECOLAB USA INC. 3,014,074
ECOLAB USA INC. 3,014,358
ECOLAB USA INC. 3,014,448
ECOLAB USA INC. 3,014,890
ECOLE NORMALE SUPERIEURE 3,014,427
EDDY, PATRICK E. 3,014,896
EGAN, MARIE 3,014,795
EHRHARDT, RICHARD JOSEPH 2,996,766
EIERHOFF, DIRK 3,014,261
EISAI R&D MANAGEMENT CO., LTD. 3,014,567
EL HAMROUNI, MOHAMMED 3,014,108
EL-AHMAD, YOUSSEF 3,014,424
ELANCO US INC. 3,014,461
ELANCO US INC. 3,014,615
ELI LILLY AND COMPANY 3,014,657
ELI LILLY AND COMPANY 3,014,669
ELI LILLY AND COMPANY 3,014,672
ELI LILLY AND COMPANY 3,014,777
ELL, JOHN 3,014,540
EMBERA NEUROTHERAPEUTICS, INC. 3,014,876
EMPERRA GMBH E-HEALTH TECHNOLOGIES 3,014,477
ENDO, YUKI 3,014,856
ENERBRAIN S.R.L. 3,014,742
ENEROTH, ANDERS 3,014,769
ENGERS, DARREN W. 3,014,791
ENGERS, JULIE L. 3,014,791
ENGLISH, NIALL 3,014,730
ENGMANN, JAN 3,014,877
ENLIVEX THERAPEUTICS LTD. 3,014,885
ENVIROSCENT, INC. 3,014,426
EQUINOR ENERGY AS 3,014,747
ERGO PLUS POLSKA 3,014,423
ERICKSON, DAVID 3,014,099
ERIKSSON, LEIF 3,014,286
ESTEBAN, JULIEN 3,014,296
EVANS, MARK 3,014,916
EVERSAFE TECHNOLOGIES LIMITED 3,014,730
EVONIK DEGUSSA GMBH 3,014,810
EXA CORPORATION 3,014,746
EXEGER OPERATIONS AB 3,014,775
EYESERV GMBH 3,014,704
F. HOFFMANN-LA ROCHE AG 3,014,852
FABRE, JEAN 3,014,705
FABRIZIO, DAVID 3,014,653
FANG, XIAOHUA 3,014,686
FANG, YING 3,014,615

FAR, ADEL RAFAI 3,014,294
FATEMI, AFSCHIN 3,014,260
FAUST, NICOLE 3,014,480
FEDEX CORPORATE SERVICES, INC. 3,014,870
FEIN, SEYMOUR 3,014,891
FEIST, BRIAN 3,014,312
FENEUIL, AURELIEN 3,014,516
FENEUIL, AURELIEN 3,014,517
FERAUD, BENJAMIN 3,014,506
FERNANDEZ, ADRIAN 3,014,815
FERNANDO, ROHAN M. 3,014,773
FERO STRATA SYSTEMS PTY LTD 3,014,082
FERRARIS, FILIPPO 3,014,742
FERREIRA, IAN P. 3,014,778
FEULNER, DENISE 3,014,859
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KLEIN, MANFRED 3,014,702
KLEINER, JAKE 3,014,625
KLEINER, JAKE 3,014,664
KLEINRICHERT, CHARLES 3,014,646
KLINKMAN, ALEX J. 3,014,661
KLIPCAN, LIRON 3,014,889
KLISH, IAN 3,014,312
KLODGINSKI, MIKE 3,014,891
KLOKE, PHILIPP 3,014,262
KLOOTE, SCOTT 3,014,441
KLOOTE, SCOTT 3,014,447
KLOSTERMANN, MICHAEL 3,014,810
KLUNDER, JOHANNES CORNELIS 3,014,298
KLX ENERGY SERVICES LLC 3,014,295
KNELLER, KLAUS 3,014,481
KNOWLES, TUOMAS PERTTI JONATHAN 3,014,548
KNOWLTON, EDWARD 3,014,431
KO, EUN HWA 3,014,740
KO, YI KYUNG 3,014,740
KOCH, DALE 3,014,327
KOCHER-PLASTIK MASCHINENBAU GMBH 3,014,492
KOEHLER, KATHERINE YERRE 3,014,603
KOEK, JOHANNES NICOLAAS 3,014,376
KOENIG, KAMALU MICHAEL-STANLEY 3,014,437
KOHLE, HANS-JURGEN 3,014,810
KOHLER, CHRISTOPHER E. 3,014,721
KOHN, ELISE 3,014,674
KOLLAR, HANS JURGEN 3,014,481
KOLYRIS, ANGELOS 3,014,568
KOMATSU, MAKOTO 3,014,634
KOMHOFF, HENRICUS HUBERTUS MARIA 3,014,523
KOMOROWSKI, JAMES R. 3,014,308
KONICA, GJERGJI 3,014,099
KONINKLIJKE PHILIPS N.V. 3,014,337
KONINKLIJKE PHILIPS N.V. 3,014,536
KONO, TOYOHIKO 3,014,276
KOO, HYUN 3,014,590
KOOPMANS, WYBREN 3,014,743
KORDASIEWICZ, HOLLY 3,013,797
KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY 3,014,740
KORNBERG, JOSHUA 3,014,891
KORNELUK, ROBERT G. 3,014,504
KORSTEN, MARK A. 3,014,586
KOSLOWSKI, OLIVER 3,014,709
KOSTJUK, SERGEI V. 3,014,684
KOSTJUK, SERGEI V. 3,014,685
KOTIN, ROBERT M. 3,014,683
KOWANETZ, MARCIN 3,014,653
KRAL, RICHARD F. 3,014,533
KRAUSS-MAFFEI WEGMANN GMBH & CO. KG 3,014,334
KREMMER, KATHARINA 3,014,384
KRESSIN, MATTHEW SCOTT 2,996,766
KRICK, THIERRY 3,014,381
KRILL, STEVEN L. 3,014,755
KRISHNA, GOPAL 3,014,294
KROLL JENSEN, ANNETTE E. 3,014,490
KROON, LAURENTIUS PETRUS NICOLAAS MARTINUS 3,014,465
KROOS, FRIEDRICH 3,014,512
KRTOLICA, ANA 3,014,651
KUBO, KAZUYA 3,014,404
KUBO, KAZUYA 3,014,407
KUBOTA CORPORATION 3,014,861
KUBOTA CORPORATION 3,014,862
KUEHNE, MATTHIAS 3,014,263
KUHNE, MATTHIAS 3,014,719
KUK, YUN MO 3,014,864
KULKARNI, ASHISH 3,014,269
KULKARNI, RAHUL VILAS 3,014,184
KULKARNI, SANTOSH S. 3,014,376
KULKARNI, SANTOSH S. 3,014,572
KUMAR, SATISH 3,014,875
KUMAR, SURENDER 3,014,656
KUMAR, SURENDER 3,014,660
KUNG, RAINER 3,014,679
KUNG, RAINER 3,014,682
KURIHARA, HIROYUKI 3,014,555
KUTSCHER, JOCHEN 3,014,326
KVIESKA, PEDRO 3,014,609
KYRKJEBO, RUNE 3,014,747
L-NUTRA INC. 3,014,717
LABONTE, IVAN 3,014,381
LABONTE, IVAN 3,014,387
LACASSE, ERIC C. 3,014,504
LACHANCE, STEPHEN ROBERT 3,014,617
LACHAPELLE, JOHN 3,014,910
LACROIX, BENOIT 3,014,501
LADOUCEUR, MARTIN 3,014,381
LAFFITTE, BRYAN 3,014,731
LAFFITTE, BRYAN 3,014,733
LAGORS, FREDERIC 3,013,810
LAHTI, THOMAS S. 3,014,321
LAM, KIET 3,014,316
LAMELLO AG 3,014,468
LANDMARK GRAPHICS CORPORATION 3,014,293
LANDMARK GRAPHICS CORPORATION 3,014,573
LANE, BRANDON SCOTT 3,014,923
LANGE, MAIK 3,014,393
LANGER, THOMAS 3,014,357
LANIGAN, RICHARD J. 3,014,636
LANQUAR, VIVIANE 3,014,625
LANQUAR, VIVIANE 3,014,664
LAPERRIERE, JEAN-FRANCOIS 3,014,381
LARSON, DAVID HENRY 3,014,642
LARVENZ, SHAWN 3,014,678
LATEFI, NAZLIE 3,014,764
LATHAM, DANIEL 3,014,371
LATULIPPE, CHRIS 3,014,614
LAUDER, JENNIFER 3,014,762
LAVENDER, PHILLIP 3,014,929
LAWSON, LAWRENCE J. 3,014,642
LE MOAN, NATACHA 3,014,651
LE REVEREND, BENJAMIN 3,014,877
LECOMPTE, MALCOLM 3,014,720
LEDGERWOOD, ADAM DOUGLAS 3,014,182
LEE, HAK-JU 3,014,528
LEE, JUNG-MIN 3,014,674
LEE, PATRICK 3,014,369
LEE, RICHARD 3,013,799
LEE, SEUNG YEON 3,014,740
LEE, SOO CHANG 3,014,866
LEHOUX, DARIO 3,014,294
LELEANNEC, FABRICE 3,014,259
LELEANNEC, FABRICE 3,014,332
LEMUS-YEGRES, LIVED J. 3,014,494
LENKEY, PETER 3,014,831
LEO, DANIEL MICHAEL 3,014,874
LEPETITCORPS, YANN 3,014,449
LES ENTREPRISES CHARTIER (2009) INC. 3,014,834
LESMEISTER, LOTHAR 3,014,303
LESTER, EDWARD 3,014,622
LETAVIC, MICHAEL A. 3,014,314
LEUNG, PHILBERTA 3,014,651
LEVESQUE, SERGE 3,014,819
LEVINE, ARNOLD 3,014,427
LEWIN, ALFRED S. 3,014,671
LEWIS, BRYAN JOHN 3,014,580

LEXISNEXIS, A DIVISION OF REED ELSEVIER INC. 3,014,297
LI, WEI 3,014,355
LI, XIANG 3,014,785
LI, XIANG 3,014,790
LI, YANCHUN 3,014,366
LI, YUNBO 3,014,366
LI, ZHENYANG 3,014,632
LI-TECHNOLOGY PTY LTD 3,014,623
LIEBHERR-WERK BIBERACH GMBH 3,014,805
LIFENET HEALTH 3,014,916
LILIENKAMP, THOMAS 3,014,714
LILLARD, SUSAN 3,014,818
LIM, STEPHEN 3,014,918
LIME MEDICAL GMBH 3,014,681
LIN, LIWEN 3,014,670
LIN, XINJIAN 3,014,921
LINDEMANN, PASCAL 3,014,681
LINDEMULDER, PAUL 3,014,533
LINDGREN, SAM 3,014,731
LINDGREN, SAM 3,014,733
LINDSAY, GARY LLOYD 3,014,711
LINDSLEY, CRAIG W. 3,014,791
LINDSTROM, HENRIK 3,014,775
LINK, GREGORY MICHAEL 3,014,766
LISZKA, MICHAEL 3,014,326
LITHIUM AUSTRALIA NL 3,013,941
LITTLE CAESAR ENTERPRISES, INC. 3,014,322
LIU, ALEX 3,014,331
LIU, HAO 3,014,355
LIU, JULIA J. 3,013,072
LIU, LE 3,014,366
LIU, SONGYONG 3,014,355
LIU, XINXIN 3,014,516
LIU, YI 3,014,331
LIU, ZHENGCHUN M. 3,014,573
LIVE EARTH IMAGING ENTERPRISES LLC 3,014,720
LIVE POWER INTELLIGENCE COMPANY NA, LLC 3,014,247
LIVINGSTON ENTERPRISES LLC 3,014,806
LIVINGSTON, ANTONY 3,014,806
LIVINGSTON, DWIGHT 3,014,617
LIXIL CORPORATION 3,014,527
LJUCA, MEVZAD 3,014,182
LOESENBECK, JAN BORIS 3,014,483
LOHWASSER, RUTH 3,014,262
LONDON, JEFFREY C. 3,014,422
LONG TAIL VENTURES INC. 3,014,859
LONGO, VALTER 3,014,717
LOOSE, CHRISTOPHER 3,014,659
LOPEZ MAURINO, SEBASTIAN 3,014,565
LOUBAT, CEDRIC 3,014,851
LOUIS, BENOIT 3,014,576
LOY, MOLLY 3,014,761
LU, CHEN 3,014,869
LU, JUNYU 2,996,396
LU, PEICHAO 3,014,369
LU, PING 3,014,508
LUBART, RANDY N. 3,014,181
LUCAS, BRYAN CHAPMAN 3,014,878
LUCAS, FRANKLIN LEE, JR. 3,014,311
LUNDBACK, MAGNUS 3,014,873
LUO, QIANG 3,014,721
LUO, TAO 3,014,698
LUPSA, LOAN LIVIU 3,014,819
LUTHER, STEFAN 3,014,714
LUZZATO, MICHEL 3,014,829
LV, BO 3,014,540
LY, DANITH H. 3,014,792
MA, JICHI 3,014,585
MACDONALD, PHILLIP 3,014,325
MACHECA, CHRISTOPHER M. 3,014,806
MACHETTIRA, ANU BHEEMAIAH 3,014,687
MACK, BERNARD ROY 3,014,119
MACKEY, DEAN EDWARD 3,014,356
MACLEOD, ANGUS MURRAY 3,014,487
MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC. 3,014,585
MACRO TECHNOLOGY INC. 3,014,699
MADIGAN, REGINA 3,014,658
MADIGAN, REGINA 3,014,660
MAFOUANA, ROLAND RODRIGUE 3,014,296
MAGIC LEAP, INC. 3,014,496
MAGIC LEAP, INC. 3,014,765
MAGIC LEAP, INC. 3,014,766
MAGIC LEAP, INC. 3,014,821
MAGNALDO, ALASTAIR 3,014,329
MAGNALDO, ALASTAIR 3,014,335
MAHADEVAN, SWETHA 3,014,625
MAHADEVAN, SWETHA 3,014,664
MAHR, ANDREA 3,014,846
MAHR, ANDREA 3,014,848
MAIER, THOMAS 3,014,241
MAIERHOFER, ANDREAS 3,014,542
MAJANO, ROMEO 3,014,598
MAJEED, MUHAMMED 3,014,238
MAKOUS, JAMES C. 3,014,317
MALHOTRA, GEENA 3,014,411
MALINOWSKI, OWEN MICHAEL 3,014,437
MALLETT, PIERRE, III 3,014,165
MALPICA, JULIO 3,014,184
MANAHAN, JOSEPH MICHAEL 3,014,182
MANDAPAKA, ADITYA 3,014,678
MANIRUZZAMAN, MOHAMMED 3,014,012
MANIRUZZAMAN, MOHAMMED 3,014,014
MANOLAKOS, ALEXANDROS 3,014,698
MANSER, DAVID 3,014,788
MANUELPILLAI, GERALD 3,014,249
MARC, PHILIPPE 3,014,329
MARC, PHILIPPE 3,014,335
MARETTI, PIERO 3,014,519
MARIANI, ANDREA 3,014,302
MARKOVIC, SVETOMIR N. 3,014,531
MARTELLACCI, MARCO 3,014,742
MARTINEAU, ADRIAN 3,014,268
MARTINEZ-SANTIAGO, JOSE 3,014,601
MARY, CAROLINE 3,014,313
MASHIN-CHI, HADI 3,014,817
MASI, ROBERT J. 3,014,310
MASSENGILL, MICHAEL T. 3,014,671
MASSONNE, KLEMENS 3,014,258
MATHA, VLADIMIR 3,014,473
MATHIEU, ANTOINE 3,014,506
MATHUR, INDRESH 3,014,883
MATSUBARA, MOTOYUKI 3,014,861
MATSUBARA, MOTOYUKI 3,014,862
MATSUDA, HIROSHI 3,014,527
MATTIA, TESTA 3,014,170
MATVIIENKO, IAROSLAV 3,014,473
MATVIYENKO, VIKTOR 3,014,473
MAUG, JAMES A. 3,014,647
MAUHAR, MARK 3,014,638
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V. 3,014,714
MAXIMUS DIAGNOSTIC TECHNOLOGIES LLC 3,013,072
MAXWELL, EVAN 3,014,292
MAY, PATRICK CORNELIOUS 3,014,669
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH 3,014,531
MCBRIDE, PATRICK WILE 3,014,603
MCCORMICK, CHAD 3,014,450
MCCORT, GARY 3,014,424
MCCURDY, KEVIN 3,014,799
MCDANIEL, MAX 3,014,907
MCDANIEL, ZEBEDIAH 3,014,678
MCDERMOTT, SEARN ARTHUR 3,014,793
MCDONNELL, KEVIN 3,013,896
MCGEE, ALEXANDER 3,014,629
MCGOWAN, KNIGHT ARTHUR 3,014,749
MCGOWEN, STEVEN PATRICK 2,996,766
MCKAY, NICHOLAS D. 3,014,426
MCKEEN, BRIAN JAMES 3,014,617
MCLAREN, MATTHEW DAVID 3,014,082
MCLAUGHLIN, BRYAN 3,014,910
MCLEAN, HUGH DAVID GEOFFREY 3,014,730
MCLEAN, WILL 3,014,659
MCLEAN, WILL 3,014,662
MCMONAGLE, KEVIN 3,014,396
MCNEER, NICOLE ALI 3,014,792
MCNEER, NICOLE ALI 3,014,795
MCNULTY, MARIE 3,014,575
MCS INDUSTRIES, INC. 2,996,766
MEDIDENT TECHNOLOGIES INC. 3,014,509
MEDIVIR AKTIEBOLAG 3,014,769
MEEROVICH, DANIEL 3,014,585
MEHNERT, ERIC 3,014,426
MEHRA, GAURAV 3,014,297
MELINTA THERAPEUTICS, INC. 3,014,294
MENDEZ, EMILIE 3,014,449

MENSINGER, MICHAEL ROBERT 3,014,603
MERCURIO, ARTHUR M. 3,014,888
MEREDITH, MATTHEW T. 3,014,499
MEREDITH, MATTHEW T. 3,014,686
MERGER, MARTIN 3,014,258
MERIENNE, LUDOVIC 3,014,609
MERRY, ANTHONY JOHN 3,014,175
METRASENS LIMITED 3,014,715
MEVORACH, DROR 3,014,885
MICHALAKIS, STYLIANOS 3,014,704
MICROSOFT TECHNOLOGY LICENSING, LLC 3,014,655
MICROSOFT TECHNOLOGY LICENSING, LLC 3,014,942
MICROVENTION, INC. 3,014,315
MICROVENTION, INC. 3,014,316
MIHAILOV, STEPHEN 3,014,508
MIHAL, ALEXANDR 3,014,264
MIHAL, MAREK 3,014,264
MIHRANYAN, ALBERT 3,014,618
MILLER, BRANDON S. 3,014,721
MILLER, BYRD TYLER, IV 3,014,325
MILLER, DAVID JOHN 3,014,487
MILLER, JUSTIN KEVIN 3,014,874
MILLER, RICHARD D. 3,014,297
MILLER, TOM 3,014,678
MILNER, ROBERT GEORGE 3,014,371
MINICH, RAYMOND C. 3,014,439
MINIMAX GMBH & CO. KG 3,014,251
MISHRA, LAKSHMI NARAYAN 3,014,317
MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD. 3,014,856
MITSUBISHI HEAVY INDUSTRIES, LTD. 3,014,276
MITSUYOSHI, SHUNJI 3,014,574
MIYOSHI, KATSUHIRO 3,014,524
MODI, VIKRAM 3,014,929
MODULEVSKY, DANIEL J. 3,014,256
MOELKER, DAVID A. 3,014,447
MOGEDAL, KNUT 3,014,535
MOHAPATRA, SHYAM S. 3,014,708
MOHAPATRA, SUBHRA 3,014,708
MOLL, KYLE 3,014,629
MOLONEY, JEREMY 3,014,448
MONACELLI, FIAMMETTA 3,014,717
MONASSON, REMI 3,014,427
MONTAGNE, KEVIN 3,014,539
MONTELEONE, GIOVANNI 3,014,383
MOOG INC. 3,014,912
MOORE, SEAN 3,014,165
MORALES, GUSTAVO A. 3,014,532
MORANO, LETTY 3,014,316
MOREAU DE LIZOREUX, ALDRIC RENAUD GABRIEL MARIE 3,014,506
MOREAU, ANDRE W. 3,014,559
MOREAU, ANDRE W. 3,014,602
MOREAU, DARRELL A. 3,014,559
MOREAU, DARRELL A. 3,014,602
MOREAU, REGINALD J. 3,014,602
MOREAU, TIMOTHY D. 3,014,636
MORELLI, BORIS 3,014,506
MORET, HAROLD P. 3,011,840
MORETON, PAUL Y. 3,014,650
MORIN, BRIAN G. 3,014,170
MORPHO B.V. 3,014,738
MORPHOSYS AG 3,014,842
MORRIS, GARY A. 3,014,603
MORRIS, STEPHEN WYNFORD 3,014,892
MOSCHEROSCH, H. MICHAEL 3,014,304
MOSCHEROSCH, H. MICHAEL 3,014,305
MOSS, STEPHANIE NIEZGODA 3,014,673
MOTOHASHI, TETSUYA 3,014,524
MOTZ ENTERPRISES, INC. 3,014,926
MOTZ, JAMES G. 3,014,926
MOTZ, MATTHEW J. 3,014,926
MOURTADA, RIDA 3,014,442
MP FILTRI UK LIMITED 3,013,810
MSA TECHNOLOGY, LLC 3,014,898
MUDDASANI, SRIKANTH 3,014,119
MUEHLBACH, KLAUS 3,014,684
MUEHLBACH, KLAUS 3,014,685
MUELLER INTERNATIONAL, LLC. 3,014,558
MUELLER, THOMAS 3,014,548
MUJICA, ALEXANDER O. 3,014,645
MUKHERJEE, ANUBHAB 3,014,269
MURPHY, ANDREW J. 3,014,928
MUSSELMAN, GREGORY ALAN 3,014,672
MUSSELMAN, GREGORY ALAN 3,014,777
MUSTOE, ANDREW CHRISTOPHER 3,013,810
MYERS, JACOB AARON 3,014,297
NAC INTERNATIONAL INC. 3,014,932
NACEV, ALEKSANDAR NELSON 3,014,895
NAGABHUSHANAM, KALYANAM 3,014,238
NAGEL, FREDERIK 3,014,339
NAGIREDDY, JAIPAL REDDY 3,014,395
NAHA, PRATAP 3,014,590
NAIR, RAJESH R. 3,014,708
NAKAJIMA, TOSHIHIRO 3,014,526
NAKAMURA, HIROSHI 3,014,522
NAKKEN, ERIK IVERSEN 3,014,868
NALU MEDICAL, INC. 3,014,317
NAMGOONG, JUNE 3,014,698
NANT HOLDINGS IP, LLC 3,014,252
NANT HOLDINGS IP, LLC 3,014,428
NANT HOLDINGS IP, LLC 3,014,670
NANTCELL, INC. 3,014,428
NANTOMICS, LLC 3,014,252
NAPOLITANO, CARLO 3,014,550
NATIONAL OILWELL VARCO DENMARK I/S 3,014,336
NATIONAL RESEARCH COUNCIL OF CANADA 3,014,508
NCHAIN HOLDINGS LIMITED 3,014,726
NCHAIN HOLDINGS LIMITED 3,014,727
NCHAIN HOLDINGS LIMITED 3,014,737
NCHAIN HOLDINGS LIMITED 3,014,748
NCHAIN HOLDINGS LIMITED 3,014,752
NEGRESCU, CATALIN 3,014,302
NEISEN, PENNY 3,014,901
NEISEN, PENNY 3,014,915
NELSON, LISA JEANNE 3,014,672
NELSON, LISA JEANNE 3,014,777
NENCIONI, ALESSIO 3,014,717
NEOGEN CORPORATION 3,008,433
NESBIT, STERLING ELLIOT 3,014,080
NESTEC S.A. 3,014,467
NESTEC S.A. 3,014,513
NESTEC S.A. 3,014,578
NESTEC S.A. 3,014,627
NESTEC S.A. 3,014,722
NESTEC S.A. 3,014,832
NESTEC S.A. 3,014,877
NEUMANN, GABRIELE 3,014,435
NEURONANO AB 3,014,549
NEURONANO AB 3,014,643
NEVALA, WENDY K. 3,014,531
NEWPORT, DAVE G. 3,014,874
NEWTRICIOUS B.V. 3,014,703
NGUYEN, ANDREW 3,014,252
NGUYEN, PHILIP D. 3,014,599
NIAZI, KAYVAN 3,014,252
NIAZI, KAYVAN 3,014,428
NICHOLSON, JEFFERY W. 3,014,922
NICHOLSON, PETER JOHN 3,014,640
NICKOLAUS, RALF 3,014,261
NIEKOWAL, TREVOR 3,014,625
NIEKOWAL, TREVOR 3,014,664
NIELSEN, RASMUS MUNKSGARD 3,014,494
NIJKAMP, JURGEN FRANCISCUS 3,014,465
NIPPON SHOKUBAI CO., LTD. 3,014,400
NISHIMURA, AKIHIRO 3,014,736
NISHIMURA, HIROMU 3,014,104
NISHIO, YUKIHIRO 3,014,421
NISSAN MOTOR CO., LTD. 3,014,553
NISSAN MOTOR CO., LTD. 3,014,609
NOAKE, TAKESHI 3,014,522
NOBLE DRILLING SERVICES INC. 3,014,600
NOGRA PHARMA LIMITED 3,014,383
NOGRA PHARMA LIMITED 3,014,575
NOGUCHI, YASUMOTO 3,014,524
NOMURA, KOYA 3,014,276
NOOLI, PRAVEEN KUMAR 3,014,918
NORTHEAST OHIO MEDICAL UNIVERSITY 3,014,751
NOTARO, DOUGLAS 3,014,273
NOTH, ANDRE 3,014,467
NOTH, ANDRE 3,014,627
NOURSADEGHI, MAHDAD 3,014,268
NOVARTIS AG 3,014,369
NOVARTIS AG 3,014,371
NOVARTIS AG 3,014,393
NOVARTIS AG 3,014,731
NOVARTIS AG 3,014,733
NOVELIS INC. 3,014,184
NOVEMBAL USA INC. 3,014,829

NOVIK, SHAI 3,014,885
NOWAK, BENEDIKT 3,014,489
NUTRITION 21, LLC 3,014,308
NYBORG, KNUT OLAF 3,014,535
NYHAVN, FRIDTJOF 3,014,868
NYYSSOLA, ANTTI 3,014,817
NÆSS, ANDERS 3,014,289
O'NEAL, LENFIELD RICHY 3,014,920
O'NEILL, LUKE 3,014,487
O'NEILL, PATRICK 3,014,600
O.PEN.S.R.O. 3,014,264
OBERG, FREDRIK 3,014,769
OCTAVIA, WINNIE 3,014,578
OCULYZE GMBH 3,014,283
ODERKERK, JEROEN 3,014,491
ODETTI, PATRIZIO 3,014,717
OGAWA, MUNEKAZU 3,014,736
OGLE, JAMES WILLIAM 3,014,599
OH, KYUNG HEE 3,014,866
OH, YOUNG-HO 3,014,528
OHD, JOHN 3,014,769
OHIO STATE INNOVATION FOUNDATION 3,014,772
OKA, TATSUYA 3,014,237
OLIVIER, ANDRE W. 3,014,665
OLIVIER, PIERRE 3,014,329
OLIVIER, PIERRE 3,014,335
OLKKONEN, JUUSO 3,014,817
OLSSON, LARS-BERTIL 3,014,677
OMICRON ELECTRONICS GMBH 3,014,679
OMICRON ELECTRONICS GMBH 3,014,682
OMNIOX, INC. 3,014,651
OORYM OPTICS LTD. 3,014,520
OORYM OPTICS LTD. 3,014,551
OOTA, NAOHISA 3,014,527
OPORTUS VALENZUELA, ANDRES ALEJANDRO 3,014,444
OPTOFLUIDICS, INC. 3,014,099
ORANO CYCLE 3,014,329
ORANO CYCLE 3,014,335
ORLOVSKY, MICHAEL 3,014,655
ORRANGE, JOHN 3,014,913
ORSUS MEDICAL LIMITED 3,014,716
ORTIZ, EDISON U. 3,014,392
ORTNER, STEFAN 3,014,175
OSE IMMUNOTHERAPEUTICS 3,014,313
OSTERMANN, RAINER 3,014,262
OSTERSETZER-BIRAN, OREN 3,014,889
OTSUKA, MIKE 3,014,661
OUTOTEC (FINLAND) OY 3,014,384
OUTOTEC (FINLAND) OY 3,014,849
OVERAKER, MARK, HENDRON 3,014,883
OVERY, JOE 3,014,272
OVERY, JOE 3,014,562
OVREVIK, HANS PETTER 3,014,535
OZAKI, YOSHITOMO 3,014,282
OZASA, HIROKI 3,014,858
PABST, MANUEL 3,014,334
PAETOW, MARIO 3,014,702
PAGEL, BRUNO 3,014,303
PALLA, ADELAIDA R. 3,014,667
PANCOOK, JAMES DAVID 3,014,461
PANG, JESSICA 3,014,502
PANG, JIE 3,014,563
PARASOL MEDICAL LLC 3,014,896
PARK, NATHANIEL 3,014,625
PARKER, DAVID 3,014,119
PARLITZ, ULRICH 3,014,714
PARZ, WOLFGANG 3,014,585
PASCAZIO, ROBERT R. 3,014,891
PASCUAL, FRANCIS WILLIAM 3,014,603
PATEL, ANUSUYA 3,014,735
PATEL, MAHESH VITHALBHAI 3,014,735
PATON, MICHAEL 3,014,568
PAULK, NICOLE K. 3,014,637
PAULUSSEN, ELVIRA JOHANNA MARIA 3,014,536
PAYEUR, CONRAD 3,014,387
PAYNE-ROGERS, COLIN 3,014,812
PEIRSMAN, DANIEL 3,014,484
PELED, AMNON 3,014,530
PELISH, HENRY EFREM 3,014,581
PELLING, ANDREW EDWARD 3,014,256
PELLOUCHOUD, PHILIP MANSIEL 3,014,603
PENAZZI, DAVIDE 3,014,518
PENAZZI, DAVIDE 3,014,519
PENCE, JUSTIN C. 3,014,325
PENG, XIA 3,014,853
PENNINGS, HUBERTUS 3,014,723
PEPSICO, INC. 3,014,918
PEREG, YARON 3,014,530
PEREKSTA, JAMES G. 3,014,915
PERI GMBH 3,014,798
PERKIN, KRISTOPHER 3,014,788
PERKINELMER HEALTH SCIENCES, INC. 3,014,608
PERKINS, RUSSELL W. 3,014,657
PERQFLO, LLC 3,014,280
PERRY, ROBERT T. 3,014,165
PERVEZ, MOHAMMED 3,014,357
PETERSON, BART D. 3,014,624
PETITJEAN, MARIE 3,014,054
PETTIE, TROY 3,014,930
PFIZER INC. 3,013,896
PHAM, EDWARD 3,014,776
PHAM, NHAN VIET 3,014,941
PHELPS, DENNIS 3,014,916
PHILHOWER, JASON W. 3,014,438
PHILIP MORRIS PRODUCTS S.A. 3,014,497
PHILIP MORRIS PRODUCTS S.A. 3,014,511
PHILIP MORRIS PRODUCTS S.A. 3,014,568
PHILIP MORRIS PRODUCTS S.A. 3,014,587
PHILLIPS, ROBERT J. 3,014,730
PHOENIX CONTACT GMBH & CO. KG 3,014,495
PHOENIX MOLECULAR DESIGNS 3,014,395
PICABOO CORPORATION 3,014,799
PICHOT, HERVE 3,014,311
PICTOMETRY INTERNATIONAL CORP. 3,014,353
PILAAR, JAMES GRAY 3,014,176
PING, JIHUI 3,014,435
PIONTEK, DARYL M. 3,014,439
PITT-OHIO EXPRESS LLC 3,014,647
PIVONKA, DANIEL M. 3,014,317
PLANET LABS INC. 3,014,240
PLANETA, MIROSLAV 3,014,699
POHL, MATTHIAS 3,014,251
POIRIER, NICOLAS 3,014,313
POIRIER, TANGI 3,014,259
POIRIER, TANGI 3,014,332
POLE MILL OPTIMIZER LLC 3,014,920
POLLARD, RICK ALAN 3,014,360
POLOCOSER, MITICA 3,014,629
POLYTARIDIS, NICHOLAS 3,014,603
PONDELIK, THOMAS 3,014,915
POP, CRISTINA 3,014,326
POWELL, GLENN LEON 3,014,929
PPG INDUSTRIES OHIO, INC. 3,014,901
PPG INDUSTRIES OHIO, INC. 3,014,915
PRECISION PLANTING LLC 3,014,327
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,014,581
PRINOTH S.P.A. 3,014,409
PRIORI, SILVIA GIULIANA 3,014,550
PROIA, DAVID 3,014,680
PRONIUK, STEFAN 3,014,772
PROULX, JADE 3,014,625
PROULX, JADE 3,014,664
PST CORPORATION, INC. 3,014,574
PUPA, PHILIP THOMAS 3,014,603
PURCELL NGAMBO, LISA 3,014,645
PURPLE LINE LIMITED 3,014,718
PYLE, MICHAEL LEE 2,996,766
QI, ZEMING 3,014,417
QIN, CHONG 3,014,644
QIU, RONG 3,014,486
QUALCOMM INCORPORATED 3,014,444
QUALCOMM INCORPORATED 3,014,606
QUALCOMM INCORPORATED 3,014,632
QUALCOMM INCORPORATED 3,014,675
QUALCOMM INCORPORATED 3,014,676
QUALCOMM INCORPORATED 3,014,698
QUALCOMM INCORPORATED 3,014,782
QUALCOMM INCORPORATED 3,014,784
QUALCOMM INCORPORATED 3,014,785
QUALCOMM INCORPORATED 3,014,787
QUALCOMM INCORPORATED 3,014,790
QUALCOMM INCORPORATED 3,014,917
QUALCOMM INCORPORATED 3,014,931
QUATTROPANI, ANNA 3,014,376
QUATTROPANI, ANNA 3,014,572
QUIJANO, ELIAS 3,014,792
QUINTANAR, FELIX C. 3,014,354
R.P. SCHERER TECHNOLOGIES, LLC 3,014,749
RABIDEAU, JENNA SUE 3,014,869
RABIZADEH, SHAHROOZ 3,014,252
RABIZADEH, SHAHROOZ 3,014,428
RABORN, BARRY W. 3,014,422
RADIO FLYER INC. 3,014,278
RADIO FLYER INC. 3,014,318

RADIO FLYER INC. 3,014,425
RAMAIOLI, MARCO 3,014,877
RANNANTIE, SUVI 3,014,384
RATH, GAGAN 3,014,259
RAUT, PREETI 3,014,411
RAY, KENNETH D. 3,014,175
RBNANO 3,014,296
REAP, JAMES J. 3,014,760
RECH, JASON C. 3,014,314
REDDY, UMESH N. 3,014,573
REDL, ANDREAS 3,014,516
REDL, ANDREAS 3,014,517
REDMAN, ANDREW J. 3,014,730
REDMAN, THOMAS RICHARD 3,014,371
REEB, BERND 3,014,849
REECE, ROBERT 3,014,642
REGENERON PHARMACEUTICALS, INC. 3,014,292
REGENERON PHARMACEUTICALS, INC. 3,014,645
REGENERON PHARMACEUTICALS, INC. 3,014,928
REHAU AG + CO., 3,014,808
REHAU CONSTRUCTION LLC. 3,014,808
REICHERT, STEPHEN ALAN 3,014,678
REID, JEFFREY 3,014,292
REIDENBERG, BRUCE 3,014,943
REISCHER, ANDREW J. 3,014,913
RENNERT, JERRY 3,014,815
RENOCK, SEAN MICHAEL 3,014,923
RESEARCH DEVELOPMENT FOUNDATION 3,014,921
RESPONDEK, FREDERIQUE 3,014,516
RETAREKAR, ROHINI 3,014,316
RETTELBACH, NIKOLAUS 3,014,339
REVOLAR TECHNOLOGY INC. 3,014,833
RICHARTE, GERARDO GABRIEL 3,014,446
RIEMER, LEXI 3,014,913
RIGGINS, ANDREW P. 3,014,801
RINGEMANN, CHRISTIAN 3,014,852
RIVENBARK, MITCHELL 3,008,433
ROBERTSON, AVRIL 3,014,487
ROBINSON, ERIC BRIAN 3,014,242
ROBINSON, HARRIET 3,014,419
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ROCHE, BEN 3,014,664
ROE, JENNIFER 3,014,268
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ROHM AND HASS COMPANY 3,014,540
ROKHSAR, DANIEL S. 3,014,911
ROLEK, MATTHEW 3,014,922
RONDELEZ, YANNICK 3,014,539
RONDELEZ, YANNICK 3,014,543
RONNEKE, HANS BERTIL 3,014,677
ROQUETTE FRERES 3,014,486
ROS, JACQUELINE 3,014,833
ROSE, MICHAEL HARRY 3,014,488
ROSENCRANCE, SCOTT 3,014,869
ROSINGER, CHRISTOPHER HUGH 3,014,687
ROSTRUP-NIELSEN, THOMAS 3,014,490
ROTHE, ROMAN 3,014,712
ROTUNDO, STEVEN C. 3,014,617
ROUS, WOLFGANG 3,014,503
ROUSSOS, ANDREAS 3,014,500
ROWE, BRANDON 3,014,540
ROY, MONIDEEPA 3,014,269
ROYAL BANK OF CANADA 3,014,392
RUBICONI, FRANCK 3,014,371
RUBIN, MATTHEW J. 3,014,666
RUBIO, ANABEL 3,014,686
RUETSCH, JEAN-PHILIPPE 3,014,296
RUFITSKIY, VASILY ALEXEEVICH 3,014,271
RUFITSKIY, VASILY ALEXEEVICH 3,014,299
RUHLE, WILLIAM OWEN ALEXANDER 3,014,881
RUPP, MARKUS 3,014,798
RUPPEL, ANNETTE 3,014,826
S.I.P.A. SOCIETA' INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A. 3,014,302
S.P.M. FLOW CONTROL, INC. 3,014,277
S.P.M. FLOW CONTROL, INC. 3,014,285
S4 ENERGY B.V. 3,014,298
SABHARWAL, GAURAV 3,014,178
SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA 3,014,518
SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA 3,014,519
SAFFON, MAXIME 3,014,578
SAFFON, MAXIME 3,014,722
SAFRAN 3,014,296
SAFRAN 3,014,855
SAFRAN CERAMICS 3,014,449
SAFRAN LANDING SYSTEMS 3,014,296
SAFRAN TRANSMISSION SYSTEMS 3,014,506
SAFRO, MARK 3,014,889
SAHDEV, NEHA 3,014,881
SAHU, AJIT 3,014,875
SAHU, MRUTUNJAYA 3,014,741
SAID, AMIR 3,014,787
SAID, AMIR 3,014,790
SAID, NUDER 3,014,285
SAINT-GOBAIN GLASS FRANCE 3,014,263
SAINT-GOBAIN GLASS FRANCE 3,014,303
SAINT-GOBAIN GLASS FRANCE 3,014,576
SAINT-GOBAIN GLASS FRANCE 3,014,719
SAKAI, KENICHI 3,014,860
SAKUMA, TAKASHI 3,014,634
SALAGUNDI, BASAVAN 3,014,384
SALTZMAN, W. MARK 3,014,792
SALTZMAN, W. MARK 3,014,795
SALVERMOSER, MANFRED 3,014,566
SAMANTARAY, DEBABRATA 3,014,875
SAMI LABS LIMITED 3,014,238
SAMSUNG ELECTRONICS CO., LTD. 3,014,528
SAMUEL, ROBELLO 3,014,573
SAMUEL, TINU MARY 3,014,832
SANBORN, JOHN, ZACHARY 3,014,252
SANCHEZ, YAGO 3,014,370
SANDER, ELIZABETH J. 3,014,284
SANDNES, MARK 3,014,922
SANEKATA, AYAKO 3,014,401
SANOFI 3,014,424
SAPPORO HOLDINGS LIMITED 3,014,401
SARDO, GIORGIO M. 3,014,657
SAS SYSTEMS AUSTRALIA PTY LTD 3,014,711
SATO, TOSHITAKA 3,014,567
SAVANAH, STEPHANE 3,014,726
SAVANAH, STEPHANE 3,014,727
SAVANAH, STEPHANE 3,014,737
SAVANAH, STEPHANE 3,014,748
SCARLATA, ANDREW FRANCIS 3,014,182
SCATTINI, ROBERTO 3,014,510
SCHAAF, THOMAS 3,014,808
SCHAAKE, HENRIK 3,014,843
SCHAEFER, DAGMAR 3,014,263
SCHAEFER, DAGMAR 3,014,719
SCHAETZL, HERMANN M. 3,014,772
SCHAFFNER, AUSTIN CARL 3,014,580
SCHAFFNER, AUSTIN CARL 3,014,878
SCHAFFNER, JOHANNES 3,014,241
SCHERRIEBLE, ANDREAS 3,014,544
SCHICKANEDER, CHRISTIAN 3,014,473
SCHIERL, THOMAS 3,014,370
SCHIFER, ALBERT 3,014,503
SCHILDT, JANKO 3,014,477
SCHILLER, YITZHAK 3,014,732
SCHIMO, SIEGFRIED 3,014,384
SCHIO, LAURENT 3,014,424
SCHJODT, NIELS CHRISTIAN 3,014,490
SCHLEGEL, THOMAS K. 3,014,425
SCHLEMMER, ALEXANDER 3,014,714
SCHLITTENHARD, JAN 3,014,707
SCHLIWA-BERTLING, PAUL 3,014,677
SCHMID, STEFAN 3,014,393
SCHMIDLIN, ALAIN 3,014,371
SCHNEIDER, JOSEPH SCOTT 3,014,925
SCHNEIDER, NORA 3,014,832
SCHNELLE, GIOVANNI 3,014,170
SCHNIEDERS, BRITTA 3,014,261
SCHNIER, HEINZ-FRIEDRICH 3,014,724
SCHOEN, CHRISTIAN 3,014,704
SCHOOR, OLIVER 3,014,846
SCHOOR, OLIVER 3,014,848
SCHOTTE, PETER 3,014,443
SCHOUENBORG, JENS 3,014,549
SCHOUENBORG, JENS 3,014,643
SCHRECKENHOFER, MANFRED 3,014,492
SCHREIBER, LLC 3,014,589

SCHRIJVER, ALBERTUS JOHANNES MARIA 3,014,465
SCHRODER, JON DAVID 3,014,880
SCHRODER, KATE 3,014,487
SCHUH, FLORIAN 3,014,339
SCHULZE, KATJA 3,014,283
SCHUSTER, MARKUS 3,014,384
SCHUTZ, HARALD 3,014,175
SCHWANDT, MARK A. 3,014,374
SCHWARZ, PETER 3,014,534
SCIENTIFIC DRILLING INTERNATIONAL, INC. 3,014,248
SCOTT, DANNY 3,014,770
SEALEY, JAMES E. 3,014,325
SECUNET SECURITY NETWORKS AG 3,014,241
SEELIGER, MATHIAS 3,014,704
SEEVIX MATERIAL SCIENCES LTD. 3,014,537
SEI OPTIFRONTIER CO., LTD. 3,014,522
SEIDEL, RONALD D., III 3,014,458
SEIDEL, RONALD D., III 3,014,466
SEILER, PHILIPP 3,014,468
SEITTER, MICHAEL FRIEDRICH HERMANN 3,014,326
SENGUPTA, SHILADITYA 3,014,269
SENIOR, RICHARD 3,014,444
SEREGIN, VADIM 3,014,787
SEREGIN, VADIM 3,014,790
SEVIGNY, GERARD 3,014,617
SEW-EURODRIVE GMBH & CO. KG 3,014,481
SEWER EQUIPMENT COMPANY OF AMERICA 3,014,274
SHAFER, LANCE TIMOTHY 3,014,859
SHAIR, MATTHEW D. 3,014,581
SHALWITZ, ROBERT 3,014,071
SHANG, XIYING 3,014,921
SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES 3,014,853
SHAO, PENG 3,014,323
SHAREEF, MOHAMMAD AJMAL 3,014,741
SHARP KABUSHIKI KAISHA 3,014,162
SHARY, TIMOTHY JAMES 3,014,854
SHAW, JOHN EDWARD TYRONE 3,014,175
SHELDON, DONALD A. 3,014,306
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,014,386
SHEMPER, BIANCA SADICOFF 3,014,854
SHEN, GANG 3,014,355
SHER, ALEXANDER A. 3,014,578
SHER, ALEXANDER A. 3,014,722
SHERWOOD, JEFFREY S. 3,014,426
SHIBUYA, HIDESHI 3,014,237
SHIELS, ALFRED LAWRENCE 3,014,778
SHIMAN, DMITRYI 3,014,684
SHIMAN, DMITRYI 3,014,685
SHIMEL, MENI 3,014,537
SHIMIZU, JARED 3,014,316
SHIMIZU, MASASHI 3,014,567
SHIN, DONG HUN 3,014,866
SHINEW, MATTHEW T. 3,014,447
SHINOHARA, SHUJI 3,014,574
SHIONOGI & CO., LTD. 3,014,858
SHIRAFUJI, NAOHISA 3,014,522
SHIRE HUMAN GENETIC THERAPIES, INC. 3,014,909
SHOEMAKER, KEVIN 3,014,603
SHOES FOR CREWS, LLC 3,014,181
SHORT, LEONARD 3,014,859
SHOW SAVE 3,014,108
SHTYLMAN, VADIM Z. 3,014,932
SIAUW, VINCENT 3,014,384
SIBREL, MATTHEW 3,014,600
SIDDIQUI, MEENA 3,014,324
SIEGFRIED, BENJAMIN JOSEPH 3,013,653
SILVA ZOLEZZI, IRMA 3,014,832
SILVERMAN, ROBERT, I. 3,014,275
SIM, TAE BO 3,014,740
SIMON, SEBASTIAN 3,014,702
SIMS, JOHN R. 3,014,669
SINDER, DANIEL JARED 3,014,675
SINGH, BHUPINDER 3,014,781
SINGH, HARPREET 3,014,846
SINGH, HARPREET 3,014,848
SINGH, LAURA JANE 3,014,576
SIRSJO, ALLAN 3,014,286
SISSOM, BRADLEY JAY 3,014,496
SISSOM, BRADLEY JAY 3,014,821
SKAAKSRUD, OLE-PETTER 3,014,870
SKLAN, ELLA 3,014,537
SKUPIN, ROBERT 3,014,370
SLONEKER, DILLON 3,014,327
SLUSAR, MARK V. 3,014,658
SMITH & NEPHEW, INC. 3,014,354
SMITH, ADAM LEE 3,013,653
SMITH, BRIAN CHRISTOPHER 3,014,603
SMITH, CHRISTOPHER WAYNE 3,014,080
SMITH, ERIKA 3,014,451
SMITH, GEORGE 3,014,686
SMITH, LANCE 3,014,786
SMITH, ROGER E. 3,014,280
SMOLANDER, MARIA 3,014,817
SMS GROUP PROCESS TECHNOLOGIES GMBH 3,014,489
SNOEK, CORNELIS GERARDUS MARIA 3,014,632
SOCIAL SENTINEL, INC. 3,014,913
SOLIS HERRERA, ARTURO 3,014,725
SOLIS MARQUEZ, OSCAR 3,014,815
SOLOMON, KIM R. 3,014,358
SOLTESZ, JAMES A. 3,014,902
SOLVAY SA 3,014,705
SOLVAY SPECIALTY POLYMERS USA, LLC 3,014,854
SON, HYUNG MIN 3,014,864
SON, JUNG BEOM 3,014,740
SONDEREGGER, RALPH L. 3,014,624
SONG, BING 3,014,670
SONG, CHI MAN 3,014,740
SONG, COLETTE 3,014,848
SONG, ZILAN 3,014,853
SONY CORPORATION 3,014,514
SOON-SHIONG, PATRICK 3,014,252
SOON-SHIONG, PATRICK 3,014,428
SOPHOS LIMITED 3,014,175
SORIAGA, JOSEPH BINAMIRA 3,014,698
SOUCY, GENEVIEVE 3,014,700
SOUTHARD, JOHN 3,014,933
SOYODE-JOHNSON, AKINOLA 3,014,314
SPADONI, RICCARDO 3,014,409
SPALLEK, MICHAEL 3,014,492
SPELBRINK, ROBIN ERIC JACOBUS 3,014,743
SPENCER, ALFRED VINCENT 3,014,594
SPETH, CHRISTIAN HENRIK 3,014,490
SPIBER TECHNOLOGIES AB 3,014,301
SPIELMAN, GABRIEL 3,014,409
SPORL, JOHANNA 3,014,258
SQUIRES, RYAN 3,014,762
SRGI HOLDINGS, LLC 3,014,431
SRI, MATHANGI R. 3,014,781
SRIRAM, TIRUNELVELI S. 3,014,910
STAGARESCU, CRISTIAN 3,014,585
STAMNES, JAKOB J. 3,014,529
STARIGK, MARTIN 3,014,393
STAROBIN, ANNA 3,014,074
STEBENNE, MARTIN A. 3,014,374
STEFFEK, AMY E. 3,014,897
STEGEMANN, BERTOLD 3,014,849
STEGEMOELLER, CALVIN L. 3,014,878
STEGMAIER, THOMAS 3,014,544
STEINBERG, BRIAN 3,014,788
STEINER, THOMAS 3,014,394
STEINHARDT, ALLAN 3,014,903
STENNE, BRICE 3,014,314
STEPHENNE, ALEX 3,014,857
STEPHENS, PHILIP J. 3,014,653
STEPHENSON, JOHN ANTONY 3,014,568
STERK, TRISTAN D'ESTREE 3,014,668
STERKMAN, LUCAS GERARDUS WILLIBRORDUS 3,014,703
STERN, DGANIT 3,014,537
STO SE & CO. KGAA 3,014,267
STOLARZ, CHRISTIAN 3,014,918
STOLL, MICHAEL 3,014,241
STRAITIFF, DONALD GRAHAM 3,014,642
STRANDBERG, PETER 3,014,266
STRAUB, JULIE 3,014,876
STRID, AKE 3,014,286
STRODER, MICHAEL 3,014,384
STROMBERG, JOHAN 3,014,556
STRONGBRIDGE BIOPHARMA PLC 3,014,406
STRUBER, GEORG 3,014,384
STRUCTURAL INTEGRITY ASSOCIATES, INC. 3,014,437
STRUCTURED I, LLC 3,014,325
STUART, MICHAEL CHRISTOPHER 3,014,701
STUART, STANLEY 3,014,274
STUMPF, MARK R. 3,014,450

SUDU IP PTY LTD AS TRUSTEE FOR SUDU IP UNIT TRUST 3,014,331
SULLIVAN, GORDON 3,014,175
SULTAN, BERNT-AKE 3,014,491
SUMIDA, TETSU 3,014,315
SUMITOMO CHEMICAL COMPANY, LIMITED 3,014,863
SUMITOMO METAL MINING CO., LTD. 3,014,282
SUN, JAMES XIN 3,014,653
SUN, YIBO 3,014,942
SURYAVANSHI, HEMANT 3,014,269
SUSSET, ALEXIS MARC GHISLAIN 3,014,742
SUZUKI, TAMOTSU 3,014,524
SWANSON, TODD 3,014,327
SWAYZE, ERIC E. 3,013,797
SWIMC LLC 3,014,908
SYNBIAS PHARMA AG 3,014,473
SYNTA PHARMACEUTICALS CORP 3,014,680
SYPCHENKO, VOLODYMYR 3,014,473
TAACK-TRAKRANEN, JOHN VAN 3,014,709
TABART, MICHEL 3,014,424
TAI, YUUKI 3,014,104
TAKEUCHI, YUSUKE 3,014,237
TAKOI, KIYOSHI 3,014,401
TAMBER, HARINDER 3,014,699
TAMURA, YUUSUKE 3,014,858
TAN, XUQIU 3,014,326
TAN, YONGZHI 3,014,908
TANG, QIONG 3,014,760
TANG, VERA A. 3,014,504
TANG, WEI 3,014,355
TANG, YAJUN 3,014,645
TANIGAWA, ATSUSHI 3,014,401
TANNER, ALEXANDER 3,014,601
TAO, LIANG 3,014,498
TAO, QING 3,014,563
TATE, EDWARD DEAN, JR. 3,014,746
TATON, KRISTIN 3,014,457
TCHAPLIA, ILYA 3,014,249
TCHIBO (SCHWEIZ) AG 3,014,512
TECHNIUM AS 3,014,416
TEKNOR APEX COMPANY 3,014,614
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 3,014,677
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 3,014,857
TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 3,014,631
TERENZONI, WILLIAM 3,014,306
TEREOS STARCH & SWEETENERS BELGIUM 3,014,516
TEREOS STARCH & SWEETENERS BELGIUM 3,014,517
TERESI, JOSEPH A. 3,014,661
TERRIER, CORINNE 3,014,424
TESLUK, CHRISTOPHER JOHN 3,014,617
THANDRA ASWINIKUMAR, MAHESH KUMAR 3,014,293
THE BOARD OF TRUSTEES OF THE LELAND STANDFORD JUNIOR UNIVERSITY 3,014,637
THE BOARD OF TRUSTEES OF THE LELAND STANDFORD JUNIOR UNIVERSITY 3,014,667
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 3,014,776
THE BRIGHAM AND WOMEN'S HOSPITAL, INC. 3,014,269
THE CHARLES STARK DRAPER LABORATORY, INC. 3,014,910
THE CLEVELAND CLINIC FOUNDATION 3,014,761
THE GENERAL HOSPITAL CORPORATION 3,014,323
THE GENERAL HOSPITAL CORPORATION 3,014,324
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA 3,014,475
THE PROCTER & GAMBLE COMPANY 3,014,330
THE PROCTER & GAMBLE COMPANY 3,014,673
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